



Arctic Slope Telephone Association Cooperative, Inc.

4300 B Street, Suite 501
Anchorage, AK 99503

907 563 3989
1 800 478 6409
fax: 907 563 1932

September 18, 2013

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street SW
Washington, D.C. 20554

Re: WC Docket No. 10-90, Annual §54.313/54.422 Report of High-Cost and Low Income Recipient, Form 481

Dear Ms. Dortch:

Enclosed herein is the 2013 Form 481 filing requirement for Arctic Slope Telephone Association Cooperative, Inc. (dba ASTAC Wireless "ASTAC") pursuant to §54.313 of the Commission's rules. ASTAC is a state-designated ETC and is in compliance with the State of Alaska's reporting requirements.

Please contact me with any questions at:

Phone 907-564-2680
Email clover@astac.net

Sincerely,

Clover McNeil
CFO

Copies to:
Universal Service Administrative Company
2000 L Street NW, Suite 200
Washington, DC 20036

Regulatory Commission of Alaska
700 West Eight Avenue, Suite 300
Anchorage, AK 99501-3469

Ms. Marie Carroll
Arctic Slope Native Association
P.O. Box 1232
Barrow, Alaska 99723

Doreen Lampe, CEO
Inupiat Community of Arctic Slope
P.O. Box 934
Barrow, AK 99723

Tribal President
Village of Anaktuvuk
P.O. Box 21065
Anaktuvuk Pass, AK. 99721

Herman Kignak, Vice President
Atqasuk Village
P.O. Box 91108
Atqasuk, AK 99791

Thomas Olemaun, Director-President
Native Village of Barrow
P.O. Box 1130
Barrow, AK 99723

Mr. Isaac Akootchook, President
Kaktovik Village
P.O. Box 73
Kaktovik, AK 99747

Ms. Martha Itta, Tribal Administrator
Native Village of Nuiqsut
P.O. Box 89169
Nuiqsut, AK 99789

Ms. Margaret Frankson, Executive Director
Native Village of Point Hope
P.O. Box 109
Point Hope, AK 99766

Mr. Blair Patkotak, Acting President
Village of Wainwright
P.O. Box 143
Wainwright, AK 99782

**FCC Form 481 - Carrier Annual Reporting
Data Collection Form**

 FCC Form 481
 OMB Control No. 3060-0986/OMB Control No. 3060-0819
 July 2013

<010> Study Area Code	619010
<015> Study Area Name	ASTAC Wireless LLC - CL
<020> Program Year	2014
<030> Contact Name: Person USAC should contact with questions about this data	Clover McNeil
<035> Contact Telephone Number: Number of the person identified in data line <030>	907-564-2680
<039> Contact Email Address: Email of the person identified in data line <030>	clover@astac.net

ANNUAL REPORTING FOR ALL CARRIERS			54.313 Completion Required	54.422 Completion Required
<100> Service Quality Improvement Reporting	(complete attached worksheet)	(check box when complete)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<200> Outage Reporting (voice)	(complete attached worksheet)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<210> <input checked="" type="checkbox"/> <-- check box if no outages to report				
<300> Unfulfilled Service Requests (voice)	0		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<310> Detail on Attempts (voice)	(attach descriptive document)		<input type="checkbox"/>	<input type="checkbox"/>
<320> Unfulfilled Service Requests (broadband)			<input type="checkbox"/>	<input type="checkbox"/>
<330> Detail on Attempts (broadband)	(attach descriptive document)		<input type="checkbox"/>	<input type="checkbox"/>
<400> Number of Complaints per 1,000 customers (voice)			<input checked="" type="checkbox"/>	<input type="checkbox"/>
<410> Fixed	0.0			
<420> Mobile	0.0			
<430> Number of Complaints per 1,000 customers (broadband)			<input type="checkbox"/>	<input type="checkbox"/>
<440> Fixed				
<450> Mobile				
<500> Service Quality Standards & Consumer Protection Rules Compliance	(check to indicate certification)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<510> 619010ak510	(attach descriptive document)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<600> Functionality in Emergency Situations	(check to indicate certification)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<610> 619010ak610	(attach descriptive document)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<700> Company Price Offerings (voice)	(complete attached worksheet)		<input type="checkbox"/>	<input type="checkbox"/>
<710> Company Price Offerings (broadband)	(complete attached worksheet)		<input type="checkbox"/>	<input type="checkbox"/>
<800> Operating Companies and Affiliates	(complete attached worksheet)		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<900> Tribal Land Offerings (Y/N)? <input checked="" type="radio"/> <input type="radio"/>	(if yes, complete attached worksheet)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<1000> Voice Services Rate Comparability	(check to indicate certification)		<input type="checkbox"/>	<input type="checkbox"/>
<1010> <input type="checkbox"/>	(attach descriptive document)		<input type="checkbox"/>	<input type="checkbox"/>
<1100> Terrestrial Backhaul (Y/N)? <input type="radio"/> <input checked="" type="radio"/>	(if not, check to indicate certification)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<1110>	(complete attached worksheet)		<input checked="" type="checkbox"/>	<input type="checkbox"/>
<1200> Terms and Condition for Lifeline Customers	(complete attached worksheet)		<input type="checkbox"/>	<input checked="" type="checkbox"/>

Price Cap Carriers, Proceed to Price Cap Additional Documentation Worksheet

Including Rate-of-Return Carriers affiliated with Price Cap Local Exchange Carriers

<2000>	(check to indicate certification)	<input type="checkbox"/>	<input type="checkbox"/>
<2005>	(complete attached worksheet)	<input type="checkbox"/>	<input type="checkbox"/>

Rate of Return Carriers, Proceed to ROR Additional Documentation Worksheet

<3000>	(check to indicate certification)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<3005>	(complete attached worksheet)	<input checked="" type="checkbox"/>	<input type="checkbox"/>

**(100) Service Quality Improvement Reporting
Data Collection Form**

FCC Form 481

OMB Control No. 3060-0986/OMB Control No. 3060-0819

July 2013

<010>	Study Area Code	619010
<015>	Study Area Name	ASTAC Wireless LLC - CL
<020>	Program Year	2014
<030>	Contact Name - Person USAC should contact regarding this data	Clover McNeil
<035>	Contact Telephone Number - Number of person identified in data line <030>	907-564-2680
<039>	Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net
<110>	Has your company received its ETC certification from the FCC?	(yes / no) <input type="radio"/> <input checked="" type="radio"/>
	If your answer to Line <110> is yes, do you have an existing §54.202(a) "5	
<111>	year plan" filed with the FCC?	(yes / no) <input type="radio"/> <input type="radio"/>

If your answer to Line <111> is yes, then you are required to file a progress report, on line <112> delineating the status of your company's existing § 54.202(a) "5 year plan" on file with the FCC, as it relates to your provision of voice telephony service.

- <112> Attach Five-Year Service Quality Improvement Plan or, in subsequent years, your annual progress report filed pursuant to 47 C.F.R. § 54.313(a)(1). If your company is a CETC which only receives frozen support, your progress report is only required to address voice telephony service.

Name of Attached Document (.pdf)

Please check these boxes below to confirm that the attached PDF, on line 112, contains a progress report on its five-year service quality improvement plan pursuant to § 54.202(a). The information shall be submitted at the wire center level or census block as appropriate.

- <113> Maps detailing progress towards meeting plan targets
 <114> Report how much universal service (USF) support was received
 <115> How (USF) was used to improve service quality
 <116> How (USF) was used to improve service coverage
 <117> How (USF) was used to improve service capacity
 <118> Provide an explanation of network improvement targets not met in the prior calendar year.

**(200) Service Outage Reporting (Voice)
Data Collection Form**

FCC Form 481

OMB Control No. 3060-0986/OMB Control No. 3060-0819

July 2013

<010> Study Area Code 619010

<015>	Study Area Name	ASTAC Wireless LLC - CL
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<020> Program Year	2014
--------------------	------

<030>	Contact Name - Person USAC should contact regarding this data	Clover McNeil
-------	---	---------------

<035> Contact Telephone Number - Number of person identified in data line <030> 907-564-2680

<039> Contact Email Address - Email Address of person identified in data line <030> clover@astac.net

<220> <a> <b1> <b2> <b3> <b4> <c1> <c2> <d> <e> <f> <g> <h>

[illegible]

**(700) Price Offerings including Voice Rate Data
Data Collection Form**

FCC Form 481

OMB Control No. 3060-0986/OMB Control No. 3060-0819
July 2013

<010>	Study Area Code	619010
<015>	Study Area Name	ASTAC Wireless
<020>	Program Year	2014
<030>	Contact Name - Person USAC should contact regarding this data	Clover McNeil
<035>	Contact Telephone Number - Number of person identified in data line <030>	907-564-2680
<039>	Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net

<701> Residential Local Service Charge Effective Date
<702> Single State-wide Residential Local Service Charge

1/1/2013

<703>

[illegible]

(710) Broadband Price Offerings
Data Collection Form

FCC Form 481

OMB Control No. 3060-0986/OMB Control No. 3060-0819

July 2013

<010>	Study Area Code	619010
<015>	Study Area Name	ASTAC Wireless LLC - CL
<020>	Program Year	2014
<030>	Contact Name - Person USAC should contact regarding this data	Clover McNeil
<035>	Contact Telephone Number - Number of person identified in data line <030>	907-564-2680
<039>	Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net

[illegible]

**(900) Tribal Lands Reporting
Data Collection Form**

FCC Form 481

OMB Control No. 3060-0986/OMB Control No. 3060-0819

July 2013

<010>	Study Area Code	619010
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<020>	Program Year	2014
<030>	Contact Name - Person USAC should contact regarding this data	Clover McNeil
<035>	Contact Telephone Number - Number of person identified in data line <030>	907-564-2680
<039>	Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net
<910>	Tribal Land(s) on which ETC Serves	North Slope Borough Alaska


<920> Tribal Government Engagement Obligation

619010ak920

Name of Attached Document (.pdf)

If your company serves Tribal lands, please select (Yes, No, NA) for each these boxes to confirm the status described on the attached PDF, on line 920, demonstrates coordination with the Tribal government pursuant to § 54.313(a)(9) includes:

- <921> Needs assessment and deployment planning with a focus on Tribal community anchor institutions;
- <922> Feasibility and sustainability planning;
- <923> Marketing services in a culturally sensitive manner;
- <924> Compliance with Rights of way processes
- <925> Compliance with Land Use permitting requirements
- <926> Compliance with Facilities Siting rules
- <927> Compliance with Environmental Review processes
- <928> Compliance with Cultural Preservation review processes
- <929> Compliance with Tribal Business and Licensing requirements.

Select (Yes, No, NA)
Yes

Yes
Yes
Yes
Yes
Yes
Yes
Yes
Yes

**(1100) No Terrestrial Backhaul Reporting
Data Collection Form**

FCC Form 481

OMB Control No. 3060-0986/OMB Control No. 3060-0819

July 2013

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<039>	Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net

Please check this box to confirm no terrestrial backhaul
<1120> options exist within the supported area pursuant to § 54.313(G) ☒

Please check this box to confirm the reporting carrier offers
<1130> broadband service of at least 1 Mbps downstream and 256 kbps
upstream within the supported area pursuant to § 54.313(G) ☐

(1200) Terms and Condition for Lifeline Customers
Lifeline
Data Collection Form

FCC Form 481
 OMB Control No. 3060-0986/OMB Control No. 3060-0819
 July 2013

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<030>	Contact Name - Person USAC should contact regarding this data	Clover McNeil
<035>	Contact Telephone Number - Number of person identified in data line <030>	907-564-2680
<039>	Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net

<1210> Terms & Conditions of Voice Telephony Lifeline Plans

619010ak1210

Name of attached document (.pdf)

<1220> Link to Public Website

HTTP www.astac.net

"Please check these boxes below to confirm that the attached PDF, on line 1210, or the website listed, on line 1220, contains the required information pursuant to § 54.422(a)(2) annual reporting for ETCs receiving low-income support, carriers must annually report:

- <1221> Information describing the terms and conditions of any voice telephony service plans offered to Lifeline subscribers, ☒
- <1222> Details on the number of minutes provided as part of the plan, ☒
- <1223> Additional charges for toll calls, and rates for each such plan. ☒

(2000) Price Cap Carrier Additional Documentation

Data Collection Form

Including Rate-of-Return Carriers affiliated with Price Cap Local Exchange Carriers

FCC Form 481

OMB Control No. 3060-0986/OMB Control No. 3060-0819

July 2013

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<039>	Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net

CHECK the boxes below to note compliance as a recipient of Incremental Connect America Phase I support, frozen High Cost support, High Cost support to offset access charge reductions, and Connect America Phase II support as set forth in 47 CFR § 54.313(b),(c),(d),(e) the information reported on this form and in the documents attached below is accurate.

Incremental Connect America Phase I reporting

- <2010> 2nd Year Certification {47 CFR § 54.313(b)(1)} ☐
- <2011> 3rd Year Certification {47 CFR § 54.313(b)(2)} ☐

Price Cap Carrier Receiving Frozen Support Certification {47 CFR § 54.312(a)}

- <2012> 2013 Frozen Support Certification ☐
- <2013> 2014 Frozen Support Certification ☐
- <2014> 2015 Frozen Support Certification ☐
- <2015> 2016 and future Frozen Support Certification ☐

Price Cap Carrier Connect America ICC Support {47 CFR § 54.313(d)}

- <2016> Certification Support Used to Build Broadband ☐

Connect America Phase II Reporting {47 CFR § 54.313(e)}

- <2017> 3rd year Broadband Service Certification ☐
- <2018> 5th year Broadband Service Certification ☐
- <2019> Interim Progress Certification ☐
- <2020> Please check the box to confirm that the attached PDF, on line 2021, contains the required information pursuant to § 54.313 (e)(3)(ii), as a recipient of CAF Phase II support shall provide the number, names, and addresses of community anchor institutions to which began providing access to broadband service in the preceding calendar year. ☐
- <2021> Interim Progress Community Anchor Institutions ☐

Name of Attached Document Listing Required Information

{3000} Rate Of Return Carrier Additional Documentation

Data Collection Form

FCC Form 481

OMB Control No. 3060-0986/OMB Control No. 3060-0819

July 2013

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<035>	Contact Telephone Number - Number of person identified in data line <030>	907-564-2680
<039>	Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net

CHECK the boxes below to note compliance on its five year service quality plan (pursuant to 47 CFR § 54.202(a)) and, for privately held carriers, ensuring compliance with the financial reporting requirements set forth in 47 CFR § 54.313(f)(2). I further certify that the information reported on this form and in the documents attached below is accurate.

Progress Report on 5 Year Plan

<p>(3010) Milestone Certification (47 CFR § 54.313(f)(1)(i)) Please check this box to confirm that the attached PDF, on line 3012,</p> <p>(3011) contains the required information pursuant to § 54.313 (f)(1)(ii), as a recipient of CAF Phase II support shall provide the number, names, and addresses of community anchor institutions to which began providing access to broadband service in the preceding calendar year.</p> <p>(3012) Community Anchor Institutions (47 CFR § 54.313(f)(1)(iii))</p> <p>(3013) Is your company a Privately Held ROR Carrier (47 CFR § 54.313(f)(2))</p> <p>(3014) If yes, does your company file the RUS annual report Please check these boxes to confirm that the attached PDF, on line 3017, contains the required information pursuant to § 54.313(f)(2) compliance requires:</p> <p>(3015) Electronic copy of their annual RUS reports (Operating Report for Telecommunications Borrowers)</p> <p>(3016) PDF of Balance Sheet, Income Statement and Statement of Cash Flows</p> <p>(3017) If the response is yes on line 3014, attach your company's RUS annual report and all required documentation</p> <p>(3018) If the response is no on line 3014, is your company audited? If the response is yes on line 3018, please check the boxes below to confirm your submission, on line 3026 pursuant to § 54.313(f)(2), contains:</p> <p>(3019) Either a copy of their audited financial statement; or (2) a financial report in a format comparable to RUS Operating Report for Telecommunications</p> <p>(3020) PDF of Balance Sheet, Income Statement and Statement of Cash Flows</p> <p>(3021) Management letter issued by the independent certified public accountant that performed the company's financial audit. If the response is no on line 3018, please check the boxes below to confirm your submission, on line 3026 pursuant to § 54.313(f)(2), contains: Copy of their financial statement which has been subject to review by an independent certified public accountant; or 2) a financial report in a format comparable to RUS Operating Report for Telecommunications Borrowers,</p> <p>(3022) Underlying Information subjected to a review by an independent certified public accountant</p> <p>(3023) Underlying Information subjected to an officer certification.</p> <p>(3024) PDF of Balance Sheet, Income Statement and Statement of Cash Flows</p> <p>(3025) Attach the worksheet listing required information</p>	<p>Name of Attached Document Listing Required Information</p> <p>Name of Attached Document Listing Required Information</p> <p>(Yes/No)</p> <p>(Yes/No)</p> <p>Name of Attached Document Listing Required Information</p> <p>(Yes/No)</p> <p>Name of Attached Document Listing Required Information</p> <p>619010ak3026</p>
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**Certification - Reporting Carrier
Data Collection Form**

 FCC Form 481
 OMB Control No. 3060-0986/OMB Control No. 3060-0819
 July 2013

<010> Study Area Code	619010
<015> Study Area Name	ASTAC Wireless LLC - CL
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<030> Contact Name - Person USAC should contact regarding this data	Clover McNeil
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<039> Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net

TO BE COMPLETED BY THE REPORTING CARRIER, IF THE REPORTING CARRIER IS FILING ANNUAL REPORTING ON ITS OWN BEHALF:

Certification of Officer as to the Accuracy of the Data Reported for the Annual Reporting for CAF or LI Recipients	
I certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the annual reporting requirements for universal service support recipients; and, to the best of my knowledge, the information reported on this form and in any attachments is accurate.	
Name of Reporting Carrier: ASTAC Wireless LLC - CL	
Signature of Authorized Officer: CERTIFIED ONLINE	Date 09/18/2013
Printed name of Authorized Officer: Clover McNeil	
Title or position of Authorized Officer: CFO	
Telephone number of Authorized Officer: 907-564-2680	
Study Area Code of Reporting Carrier: 619010	Filing Due Date for this form: 10/15/2013
<small>Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.</small>	

**Certification - Agent / Carrier
Data Collection Form**

 FCC Form 481
 OMB Control No. 3060-0986/OMB Control No. 3060-0819
 July 2013

<010> Study Area Code	619010
<015> Study Area Name	ASTAC Wireless LLC - CL
<020> Program Year	2014
<030> Contact Name - Person USAC should contact regarding this data	Clover McNeil
<035> Contact Telephone Number - Number of person identified in data line <030>	907-564-2680
<039> Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net

TO BE COMPLETED BY THE REPORTING CARRIER, IF AN AGENT IS FILING ANNUAL REPORTS ON THE CARRIER'S BEHALF:

Certification of Officer to Authorize an Agent to File Annual Reports for CAF or LI Recipients on Behalf of Reporting Carrier	
I certify that (Name of Agent) _____ is authorized to submit the information reported on behalf of the reporting carrier. I also certify that I am an officer of the reporting carrier; my responsibilities include ensuring the accuracy of the annual data reporting requirements provided to the authorized agent; and, to the best of my knowledge, the reports and data provided to the authorized agent is accurate.	
Name of Authorized Agent: _____	
Name of Reporting Carrier: _____	
Signature of Authorized Officer: _____	Date: _____
Printed name of Authorized Officer: _____	
Title or position of Authorized Officer: _____	
Telephone number of Authorized Officer: _____	
Study Area Code of Reporting Carrier: _____	Filing Due Date for this form: _____
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.	

TO BE COMPLETED BY THE AUTHORIZED AGENT:

Certification of Agent Authorized to File Annual Reports for CAF or LI Recipients on Behalf of Reporting Carrier	
I, as agent for the reporting carrier, certify that I am authorized to submit the annual reports for universal service support recipients on behalf of the reporting carrier; I have provided the data reported herein based on data provided by the reporting carrier; and, to the best of my knowledge, the information reported herein is accurate.	
Name of Reporting Carrier: _____	
Name of Authorized Agent or Employee of Agent: _____	
Signature of Authorized Agent or Employee of Agent: _____	Date: _____
Printed name of Authorized Agent or Employee of Agent: _____	
Title or position of Authorized Agent or Employee of Agent: _____	
Telephone number of Authorized Agent or Employee of Agent: _____	
Study Area Code of Reporting Carrier: _____	Filing Due Date for this form: _____
Persons willfully making false statements on this form can be punished by fine or forfeiture under the Communications Act of 1934, 47 U.S.C. §§ 502, 503(b), or fine or imprisonment under Title 18 of the United States Code, 18 U.S.C. § 1001.	

Attachments

**(800) Operating Companies
Data Collection Form**

FCC Form 481

OMB Control No. 3060-0986/OMB Control No. 3060-0819

July 2013

<010>	Study Area Code	619010
<015>	Study Area Name	ASTAC Wireless LLC - CL
<020>	Program Year	2014
<030>	Contact Name - Person USAC should contact regarding this data	Clover McNeil
<035>	Contact Telephone Number - Number of person identified in data line <030>	907-564-2680
<039>	Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net
<810>	Reporting Carrier	Arctic Slope Telephone Association Coöperative, Inc.
<811>	Holding Company	Arctic Slope Telephone Association Coöperative, Inc.
<812>	Operating Company	Arctic Slope Telephone Association Coöperative, Inc.

[illegible]

Attachments

54.313(a)(5) Satisfaction of Consumer Protection and Service Quality Standards

Voice

Consumer Protection

Arctic Slope Telephone Association Cooperative, Inc. (dba ASTAC Wireless) complies with the requirements of 47 CFR Part 64 Subpart U, Customer Proprietary Network Information and the Federal Trade Commission Red Flag rules to prevent identity theft. A manual for each of those programs is in place and is part of the employees' handbook. Employee training is conducted annually and new hires are instructed on the programs as required by their job functions. This applies to all lines of business (voice, broadband, wireless and lifeline).

Service Quality Standards

Arctic Slope Telephone Association Cooperative, Inc. (dba ASTAC Wireless) complies with the service standards of the State of Alaska promulgated in Alaska Statutes, Title 3 Commerce, Community, and Economic Development Part 7 Regulatory Commission of Alaska, 3 AAC 52.200-3, AAC 52.340, Telephone Utilities and Alaska Administrative Code 3 AAC 53.700 State Telecommunications Modernization. This applies to all lines of business (voice, broadband, wireless and lifeline).

Description of ability to function in emergency conditions

In 7 of our village locations (Point Hope, Point Lay, Wainwright, Atkasuk, Nuiqsut, Kaktovik and Anaktuvuk Pass) we have fully redundant Redcom local exchange switches. The central offices that these switches are installed in are equipped with back up batteries designed to support an 8 hour power disruption. In addition, each location has a standby generator that will come on line automatically in the event of the loss of commercial power.

In our two largest exchanges, Barrow and Deadhorse we have fully redundant DMS 10 local exchange switches. The central offices these switches are installed in are equipped with back up batteries to support an 8 hour power disruption. In addition, each location has a standby generator that will come on line automatically in the event of loss of commercial power.

In all locations we work with the two long distance carriers to reroute traffic as required to recover from network outages or traffic spikes.

(800) Operating Companies and Affiliates
Data Collection Form

FCC Form 481

OMB Control No. 3060-0986

OMB Control No. 3060-0819

July 2013

<010>	Study Area Code	619010
<015>	Study Area Name	Arctic Slope Telephone Association Cooperative, Inc. dba ASTAC Wireless
<020>	Program Year	2014
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<035>	Contact Telephone Number - Number of person identified in data line <030>	907-564-2680
<039>	Contact Email Address - Email Address of person identified in data line <030>	clover@astac.net

<810>	Reporting Carrier	Arctic Slope Telephone Association Cooperative, Inc
<811>	Holding Company	Arctic Slope Telephone Association Cooperative, Inc
<812>	Operating Company	Arctic Slope Telephone Association Cooperative, Inc

[illegible]

**Arctic Slope Telephone Association Cooperative
Annual Certification of Tribal Engagement
For The Year Ending December 31, 2012**



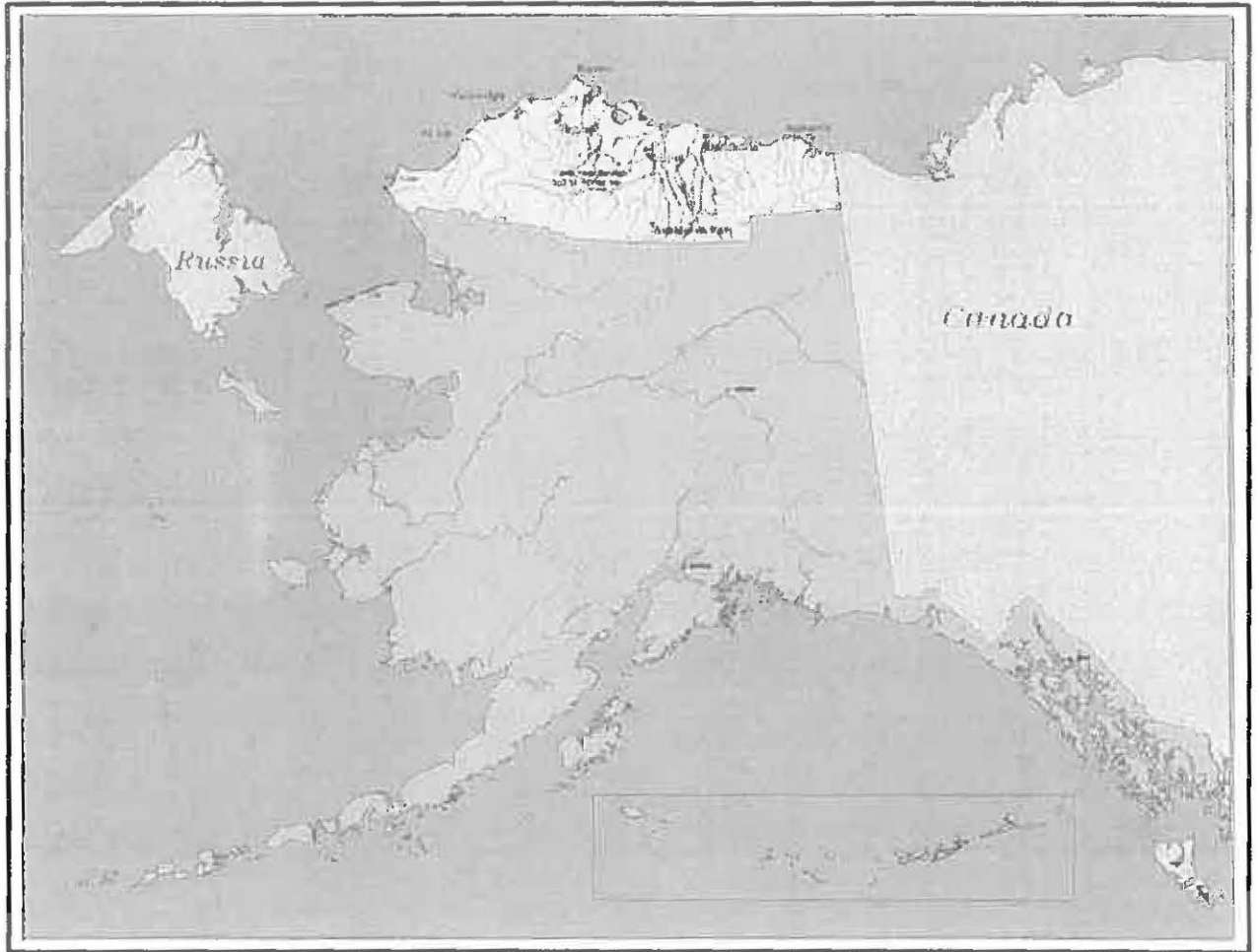
1	Certification of Tribal Engagement
2	ASTAC Cover Letter, Tribal Pre-meeting Questionnaire and Proof of Mailing/Receipt
3	ASTAC Telephonic Logs
4	Completed ASTAC Pre-meeting Questionnaires Tailored to Each Tribal Entity
5	Executive Summaries of ASTAC's Tribal Engagement Meetings
6	Approval of Minutes Forms
7	Costs Coded to Tribal Engagement
8	Conclusions and Recommendation
9	
10	
11	
12	
13	
14	
15	

Arctic Slope Telephone Association Cooperative, Inc.

Certification of Tribal Engagement

For the Year Ending December 31, 2012

Service Area Description: Arctic Slope Telephone Association Cooperative, Inc. (ASTAC) serves the North Slope Region of Alaska. Our service area encompasses over 89,000 square miles and has seven traditional Native villages, the City of Barrow and the oilfields of Prudhoe Bay scattered across that expanse. With the exception of Prudhoe Bay, which is built out from the terminus of the Dalton Highway, all other villages can only be reached year round by aircraft.



Tribal Entities: There are ten federally recognized Tribal Entities within ASTAC's serving area. Each of the seven villages and Barrow has a Native Village organization. Arctic Slope Native Association (ASNA) is the Tribal Entity that manages the Samuel Simmonds Memorial Hospital in Barrow and the Inupiat Communities of the Arctic Slope (ICAS) serves as an "umbrella" government for eight remote Inupiat villages known as the Inupiat "community" spread out along the Arctic Ocean and in the interior, just above the Arctic Circle.

The Process: Following the guidelines in DA 12-1165, ASTAC's Executive Leadership Team held a series of meetings to plan for the Tribal Engagement requirement. Tribal leadership points of contact were updated to reflect current information. A cover letter was created to explain the new process and asking for the Tribal Entity's cooperation in meeting our Tribal Engagement obligations. The cover letter borrowed heavily from DA 12-1165. The cover letter was attached to a Tribal Pre-meeting questionnaire which also extracted the questions from DA 12-1165 for Native leaders to consider prior to the engagement meeting. These two documents were sent by certified mail, return receipt requested on September 12, 2012. An example of the cover letter, a blank Tribal Pre-meeting Questionnaire, a completed Tribal Pre-meeting Questionnaire, and copies of the certified mailings and return receipts can be found at Tab 2.

Once ASTAC received the return receipts, individual members of the Executive Leadership Team made telephonic contact with the Tribal Leadership to schedule an in person engagement meeting. Telephonic logs for each Tribal Entity can be found at Tab 3.

Concurrently, ASTAC's Leadership Team created our own Pre-meeting Questionnaire, again using DA 12-1165 guidance, and as a group exercise, answered those questions, tailoring the answers to specific villages where applicable. These would become our "at a minimum talking points" to ensure consistency of message delivery, regardless of the ASTAC Executive making the presentation. It also put some structure in place for documenting Tribal interaction/feedback, based on the points we made in our presentation. All ten completed ASTAC Pre-meeting Questionnaires can be found at Tab 4. A copy of these Pre-Meeting Questionnaires was given to each of the Tribal entities when we met with them as well as a copy of DA-12-1165.

Meetings were scheduled throughout October and early November. An Executive Summary of the Engagement for each Tribal Entity can be found at Tab 5. The Executive Summary memorializes who met with whom, what was discussed, when the meeting took place, where the meeting took place, and how long the meeting lasted. It also extracts Native Leadership questions and comments found throughout the ASTAC Pre-meeting Questionnaire.

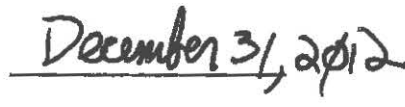
Following completion of all Tribal Engagement Meetings, a second mail out packet was sent to the Tribal Leadership we engaged with. The packet consisted of a cover letter, also at Tab 5, an executive summary of the meeting (in effect, our minutes) and a Review of Minutes form they may complete, acknowledging receipt of the executive summary of the meeting. The form also allowed them to correct any errors in our minutes. Four of the ten Tribal entities returned the form approving the minutes as written or amended, at Tab 6. A postage paid, ASTAC addressed envelope was also included for their convenience in returning the Review of Minutes form.

ASTAC's payroll entry system allows job tracking and a summary of the cost of ASTAC's Tribal Engagement can be found at Tab 7.

Finally, at Tab 8, we memorialize some lessons learned and have a recommendation for making the process much more efficient and effective.

I certify that the above description of ASTAC's Tribal Engagement is a fair and accurate documentation of our efforts and that a copy of this certification has been provided to our Tribal entities in addition to minutes for our individual engagements.


Stephen L. Merriam


Date

Appendix A – Cover Letter to Tribal Entity



4300 B Street, Suite 501
Anchorage, AK 99503

Arctic Slope Telephone Association Cooperative, Inc.

907 563 3989
1 800 478 6409
fax: 907 563 1932

email: mail@astac.net

September 12, 2012

Ms. Marie Carroll
Arctic Slope Native Association,
P.O. Box 1232,
Barrow, Alaska 99723

Dear Ms. Carroll;

This letter is intended to help facilitate the opening discussions between Tribal government officials and ASTAC, which provides service on Tribal lands with the use of Universal Service Fund (USF) support. The body of this cover letter and the Pre-meeting questionnaire are extracted from the tribal engagement requirement found in the FCC's DA 12-1165 document. Please note that ASTAC is required to pursue this engagement and hope that your organization will voluntarily participate as well.

BACKGROUND

In the *USF/ICC Transformation Order*, the Federal Communications Commission adopted a Tribal engagement requirement for ASTAC. The Commission requires, at a minimum, that ASTAC demonstrate on an annual basis that we have meaningfully engaged with Tribal governments in their universal service supported areas. The *USF/ICC Order* stated that such discussions must include: (1) a needs assessment and deployment planning with a focus on Tribal community anchor institutions; (2) feasibility and sustainability planning; (3) marketing services in a culturally sensitive manner; (4) rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and (5) compliance with Tribal business and licensing requirements.

Tribal governments should consider all community needs that would be supported by communications services. These might include, but are not limited to, anchor institutions, economic development, education, healthcare, and public safety. Each Tribal Nation has unique elements to its communications needs and priorities, but effectively articulating those needs is a critical first step in addressing them.

As Tribal government administrations change and develop, this is an important opportunity to demonstrate, both to communications providers and to the Commission, their continuity in communications priorities and goals. Certain Tribal governments have created their own governmental offices and commissions to interact with the FCC and communications providers. Others have designated key members of their Tribal Councils to lead their communications prerogatives for their governments, in effect creating communications committees on their Councils.

Appendix A – Cover Letter to Tribal Entity

Tribal Nations should immediately begin preparations to receive, record, and process this engagement dialogue and any related correspondence. Specific efforts should be made to chronicle details of engagement dialogue sessions. Recordkeeping should be established for documentation of the initial contact, any follow-up communications, and the resulting annual certification documentation. Records should include, for example, a summary of all verbal interactions as well as copies of all electronic and hard copy communications.

As a condition to continuing to receive high cost support that makes phone service on the North Slope affordable, ASTAC is required to reach out to our federally recognized Tribes following the guidance in DA-12-1165 available in its entirety on the World Wide Web. What follows in the attached Pre-meeting Questionnaire is an attempt to tailor the approach in recognition of your resources and our existing relationship providing services to your community since 1980 (with the exception of Barrow which we purchased in 2000). As with most things, good ideas can come from anywhere. Local tailoring of a solution will help meet requirements and improves the process. A member of ASTAC's executive team will be contacting you in the near future to discuss this new process further, how we might work together and to schedule where possible a face to face meeting in your community.

Best Regards,

A handwritten signature in black ink, appearing to read "Stephen Merriam". The signature is fluid and cursive, with the first name "Stephen" written in a larger, more prominent script than the last name "Merriam".

Stephen Merriam, CEO

ASTAC, Serving the North Slope of Alaska since 1980

Tribal Government Pre-Meeting Questionnaire

Needs Assessment and Deployment Planning

What are the Tribe's communications goals, needs, and priorities, as well as what the Tribe intends to do with communications services?

What core community or anchor institutions are central to deployment and what in the nature and operations of these institutions is relevant to the need for communications services?

Are there economic factors and possibly Tribally-driven opportunities that will assist in making the business case for deployment on Tribal lands, as well as opportunities where Tribal governments and communications providers can partner.

ASTAC has an elected Director to our Board representing your community. All Directors receive industry training in telecommunications and could potentially be a great resource in your planning. Assuming that the Director would volunteer to serve in an advisory role to your organization, would your organization be willing to appoint our Director onto your Communications Council? If yes, who should they contact?

Feasibility and Sustainability Planning

Are there specific challenges associated with deploying and sustaining a communications network on your lands?

Many federal grant or loan programs provide direct access to, or particular standing for, Tribal Nations and their entities. That is, there are federal government programs that support infrastructure deployment and support the economic, health, safety, and welfare missions in Native communities. Are there any additional resources the Tribal entity may bring to bear in feasibility and sustainability planning for communications services?

Marketing Services in a Culturally Sensitive Manner

The Tribal engagement obligation provides Tribal governments and ASTAC with the opportunity to discuss and explore ways in which we can coordinate or partner to ensure that services are marketed in a manner that will relate directly to the community, resonate with consumers, and stimulate increased adoption of services on Tribal lands.

Would you be interested in developing materials, separately or jointly, specific to the Tribal community?

Would you like to review and comment on our marketing materials as part of the development process?

What other elements of our respective organizations may need to be engaged? For Tribal governments, this may mean administrative planning, community service, and other governmental offices. For ASTAC, this may mean customer service, technical assistance, and commercial business divisions.

Rights of Way and Other Permitting and Review Processes

There are numerous regulatory processes with which ASTAC must comply in order to provide communications services on Tribal lands, including rights of way, land use permitting, facilities siting, and environmental and cultural review processes.

Are there additional regulatory processes beyond those practiced and disclosed by ASTAC that should be incorporated in serving Tribal lands?

Compliance with Tribal Business and Licensing Requirements

As sovereign institutions, Tribal governments have the authority to impose Tribal business and licensing requirements on all entities doing business on their lands. The form of these licenses vary greatly, including certificates of public convenience and necessity, Tribal business licenses, master licenses, and other related forms of Tribal government licensure.

Please provide a comprehensive list of any business and licensing requirements applicable to the provision of the cooperative's communications services, including an explanation of precisely what all such requirements entail, specific application procedures and timeframes, as well as the governmental offices involved in the licensing process. As part of this process, ASTAC will provide you with a list of existing licenses in place, as applicable.

Tribal Government Pre-Meeting Questionnaire

Needs Assessment and Deployment Planning

What are the Tribe's communications goals, needs, and priorities, as well as what the Tribe intends to do with communications services?

ASNA is bringing the new hospital online and has a new giga-bit link between the old and new hospital to help in this endeavor. The PBX changeover will occur in mid 2013. Most all needs will require fiber to the new hospital.

Cell service-data would be very helpful as most needs incorporate the use of smart phones and all new systems in the hospital will have the capability to interface with smartphones.

Latency rates continue to be a big issue for ASNA and will prevent telemedicine from becoming a reality on the North Slope.

What core community or anchor institutions are central to deployment and what in the nature and operations of these institutions is relevant to the need for communications services?

Hospital and EMS services

Are there economic factors and possibly Tribally-driven opportunities that will assist in making the business case for deployment on Tribal lands, as well as opportunities where Tribal governments and communications providers can partner.

It would be best to speak to the Tribal Councils for answers to this.

ASTAC has an elected Director to our Board representing your community. All Directors receive industry training in telecommunications and could potentially be a great resource in your planning. Assuming that the Director would volunteer to serve in an advisory role to your organization, would your organization be willing to appoint our Director onto your Communications Council? If yes, who should they contact?

Jeff Prater, our hospital administrator; Luke Welles, VP of Finance, and Adam Smith, IT Coordinator would be the local contacts

Feasibility and Sustainability Planning

Are there specific challenges associated with deploying and sustaining a communications network on your lands?

"Our lands" are our new and old hospital sites owned by the Indian Health Services. We would need more details about the question when discussing a "communications network".

Many federal grant or loan programs provide direct access to, or particular standing for, Tribal Nations and their entities. That is, there are federal government programs that support infrastructure deployment and support the economic, health, safety, and welfare missions in Native communities. Are there any additional resources the Tribal entity may bring to bear in feasibility and sustainability planning for communications services?

Currently ASNA works with GCI regarding the USAC funding.

Marketing Services in a Culturally Sensitive Manner

The Tribal engagement obligation provides Tribal governments and ASTAC with the opportunity to discuss and explore ways in which we can coordinate or partner to ensure that services are marketed in a manner that will relate directly to the community, resonate with consumers, and stimulate increased adoption of services on Tribal lands.

Would you be interested in developing materials, separately or jointly, specific to the Tribal community?

It would depend on the specifics; telemedicine is a need that could help tremendously, but infrastructure is needed before materials could be done.

Would you like to review and comment on our marketing materials as part of the development process?

We must if it involves ASNA.

What other elements of our respective organizations may need to be engaged? For Tribal governments, this may mean administrative planning, community service, and other governmental offices. For ASTAC, this may mean customer service, technical assistance, and commercial business divisions.

ASNA serves all the villages on the North Slope. Improved telecommunication infrastructure is really needed for the new hospital and any significant future with telemedicine both from village to Barrow and for Barrow to Anchorage. The communication needs range from medical records, radiology, telemedicine carts in villages, etc. Sending everything through satellite communications increases the challenges as the needs to go more digital grow.

Rights of Way and Other Permitting and Review Processes

There are numerous regulatory processes with which ASTAC must comply in order to provide communications services on Tribal lands, including rights of way, land use permitting, facilities siting, and environmental and cultural review processes.

Are there additional regulatory processes beyond those practiced and disclosed by ASTAC that should be incorporated in serving Tribal lands?

ASNA can help with issues on Indian Health Service lands (old and new hospitals in Barrow).

Compliance with Tribal Business and Licensing Requirements

As sovereign institutions, Tribal governments have the authority to impose Tribal business and licensing requirements on all entities doing business on their lands. The form of these licenses vary greatly, including certificates of public convenience and necessity, Tribal business licenses, master licenses, and other related forms of Tribal government licensure.

Please provide a comprehensive list of any business and licensing requirements applicable to the provision of the cooperative's communications services, including an explanation of precisely what all such requirements entail, specific application procedures and timeframes, as well as the governmental offices involved in the licensing process. As part of this process, ASTAC will provide you with a list of existing licenses in place, as applicable.

ASNA is not a tribe, it is a 501(c3) organization with a mission to provide healthcare and social services on the North Slope and a 93-638 compactor with the federal government.

7012 1010 0001 9755 2137

U.S. POSTAL SERVICE
CERTIFIED MAIL RECEIPT

OFFICIAL USE

Postage	1.30
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.60



Send To: BLAIR PATKOTAK, N.V. & EWAZAKURISA
Street, Apt. No., or PO Box No.: BOX 143
City, State, ZIP+4: WADSWORTH, AK 99782

U.S. POSTAL SERVICE
CERTIFIED MAIL RECEIPT

OFFICIAL USE

Postage	1.30
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.60



Send To: MARGARET FRANKSON
Street, Apt. No., or PO Box No.: P.O. BOX 109
City, State, ZIP+4: POINT HOPE, AK 99766

U.S. POSTAL SERVICE
CERTIFIED MAIL RECEIPT

OFFICIAL USE

Postage	1.30
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.60



Send To: THOMAS OLEMAHN, N.V. BARROW
Street, Apt. No., or PO Box No.: BOX 1130
City, State, ZIP+4: BARROW, AK 99723

7012 1010 0001 9755 2052

7012 1010 0001 9755 2120

U.S. POSTAL SERVICE
CERTIFIED MAIL RECEIPT

OFFICIAL USE

Postage	1.30
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.60

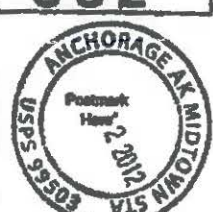


Send To: TRIBAL PRESIDENT, N.V. OF AKP
Street, Apt. No., or PO Box No.: BOX 21065
City, State, ZIP+4: ANAKTOVEK PASS, AK 99721

U.S. POSTAL SERVICE
CERTIFIED MAIL RECEIPT

OFFICIAL USE

Postage	1.30
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.60



Send To: ISAAC AKOOTCHOOK, N.V. KAKTOVICK
Street, Apt. No., or PO Box No.: BOX 73
City, State, ZIP+4: KAKTOVICK, AK 99747

U.S. POSTAL SERVICE
CERTIFIED MAIL RECEIPT

OFFICIAL USE

Postage	1.30
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.60



Send To: DOREEN LAMPE
Street, Apt. No., or PO Box No.: P.O. BOX 934
City, State, ZIP+4: BARROW, AK 99723

7012 1010 0001 9755 2106

7012 1010 0001 9755 2069

U.S. Postal Service
CERTIFIED MAIL RECEIPT
Domestic Mail Only. For International Service, see PSN 3800-100.

OFFICIAL USE

Postage	1.30
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.60

ANCHORAGE AK MIDTOWN STA
 Postmark Here
 USPS 99503

SENT TO
 Recipient's Name:
 or PO Box No. MARTHA ITTA, N.V. OF N4EQSUT
 Box 89169
 City, State, ZIP+4 NUI@ SUT, AK 99789

7012 1010 0001 9755 2076

U.S. Postal Service
CERTIFIED MAIL RECEIPT
Domestic Mail Only. For International Service, see PSN 3800-100.

OFFICIAL USE

Postage	1.30
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.60

ANCHORAGE AK MIDTOWN STA
 Postmark Here
 USPS 99503

SENT TO
 Recipient's Name:
 or PO Box No. HERMAN KIGNAK
 P.O. BOX 91108
 City, State, ZIP+4 ATQASUK, AK 99791

7012 1010 0001 9755 2036

U.S. Postal Service
CERTIFIED MAIL RECEIPT
Domestic Mail Only. For International Service, see PSN 3800-100.

OFFICIAL USE

Postage	1.30
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.60

ANCHORAGE AK MIDTOWN STA
 Postmark Here
 USPS 99503

SENT TO
 Recipient's Name:
 or PO Box No. MISTY PLYNNE, N.V. OF PT. LAY
 BOX 59031
 City, State, ZIP+4 PT. LAY, AK 99757

7012 1010 0001 9755 2113

U.S. Postal Service
CERTIFIED MAIL RECEIPT
Domestic Mail Only. For International Service, see PSN 3800-100.

OFFICIAL USE

Postage	1.30
Certified Fee	2.95
Return Receipt Fee (Endorsement Required)	2.35
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 6.60

ANCHORAGE AK MIDTOWN STA
 Postmark Here
 USPS 99503

SENT TO
 Recipient's Name:
 or PO Box No. MARIE CARROLL, ASNA
 BOX 1232
 City, State, ZIP+4 BARROW, AK 99723

ADDRESS FOR THE YEAR 1994

- Complete Items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

DOREEN LAMRE
ICAS
BOX 934
BARROW, AK 99723

2. Article Number

(Transfer from service label)

7012 10100001 9975 2106

PS Form 3811, February 2004

Domestic Return Receipt

10000-024-010

- Complete Items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MARGARET FRANKSON
NATIVE VILLAGE OF PNO
P.O. BOX 109
POINT HOPE, AK 99766

2. Article Number

(Transfer from service label)

7012 10100001 9975 2145

PS Form 3811, February 2004

Domestic Return Receipt

10000-024-010

- Complete Items 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

HERMAN KIGNAK
P.O. BOX 91108
ATQASUK, AK 99791

2. Article Number

(Transfer from service label)

7012 10100001 9975 2076

PS Form 3811, February 2004

Domestic Return Receipt

10000-024-010

A. Signature ☒ Agent ☐ Addressee
B. Received by (Printed Name) ☐ Addressee
C. Date of Delivery
D. Is delivery address different from Item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

POSTAL SERVICE
9-14-12
1430
Restricted Delivery (Article Plus) ☐ Yes

PS Form 3811, February 2004

A. Signature ☒ Agent ☐ Addressee
B. Received by (Printed Name) ☐ Addressee
C. Date of Delivery
D. Is delivery address different from Item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

POSTAL SERVICE
9-21-12
Restricted Delivery (Article Plus) ☐ Yes

PS Form 3811, February 2004

A. Signature ☒ Agent ☐ Addressee
B. Received by (Printed Name) ☐ Addressee
C. Date of Delivery
D. Is delivery address different from Item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

POSTAL SERVICE
9-19-12
Restricted Delivery (Article Plus) ☐ Yes

PS Form 3811, February 2004

- Complete Entries 1, 2, and 3. Also complete Item 4 if Restricted Delivery is desired.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MS. MISTY PLYMALE
 NATIVE VILLAGE OF PT. LAY
 P.O. BOX 59031
 POENT LAY, AK 99757

2. Article Number:

(Number from service label)

7012 1010 0001 9755 2038

PS Form 3811, February 2004

Domestic Return Receipt

102585-02-01-11

7012 (Domestic)

x, Misty D Plymale

☐ Agent
☒ Addressee

Received by (Print or Stamp Name)
 Misty D Plymale

C. Date of Delivery
 9-17-78

D. Is delivery address different from Item 1? ☐ Yes
 If YES, enter delivery address below: ☒ No

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ G.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

Appendix B - Tribal Engagement Telephonic Record NV Anaktuvuk Pass

Date	Time	Called Number	Person you spoke with	Summary of conversation	Your initials
9/28/2012	1131	Patrick Mekiana Cell Phone	VM	Left Message	JL
10/8/2012	130	(907) 687-0246	VM	Left msg to call	JL
10/8/2012	135	(907) 661-3727	Daughter	Left msg to call	JL
				Could not tell me who was president of NVAKP, mentioned Timothy Agook, Ludy, Vas Gordon, and Lillian Stone 907 661-3226	
10/10/2012	915	(907) 661-3612	Kat with NSB AKP office	3226	JL
10/25/2012	1400	In person	Justus Mekiana Jr.	see meeting notes	JL
				Follow up on meeting, and attempted to confirmed that Justus had passed on the information to the NV of AKP.	
10/30/2012	1426	Patrick Mekiana Cell Phone	Patrick M		JL
10/30/2012	1428	907 661-2066	Justus Mekaina - No answer		JL
				Confrimed that Vas Gordon is the VP of the NV, and acting president. Asked that we re-fax the letter to 906 661-2576	
10/30/2012	1542	(907) 661-2575	Betty - ICAS		JL
				As agreed to in the 10/25/12 meeting, I requested that he drop the packet with the NV of AKP offices and confirm when the next meeting will be held. As of today he had not delivered the information as requested.	
10/30/2012	1546	907 661-2066	Justus Mekaina		JL
				re-faxed the letter and Tribal Govt. pre-meeting questionnaire to 907 661-2576	
10/31/2012	1458	(907) 661-2576	FAX sent		JL
				Called to confirm delivery of packet and his mailing address. He had not delivered the packet at the time of the call. PO box 21005 AKP	
10/31/2012	1510	907 661-2066	Justus Mekaina		JL

Appendix B - Log of Contacts - ASNA

Date	Time	Called Number	Person you spoke with	Summary of conversation	Your initials
10/8/2012	10:00a	4611	Marie Carroll	set up appointment for 10/25/1:30pm	ao
				Marietta and I visited with Marie regarding the questionnaire and the DA12-1165. She will have Adam Smith fill out by 11-09 for me to pick up. She discussed fiber from Barrow to outside, higher bandwidth for telemedicine. She was receptive	ao
25-Oct	1:30p	location	Marie Carroll	sent an email asking if questionnaire will be ready for pick up on the 9th. No reply	ao
7-Nov	10:00a	email	Marie Carroll		
				Marie out of office left the envelope with approval of minutes during meeting and stamped envelope for mailing to Anchorage	ao
9-Nov	10:30a	location	front desk		
				Luke called me and said Marie asked him to fill out the forms. He requested I email to him and he would email back. He said he would also have Marie sign the approval of minutes and send to me	ao
19-Nov	1:00p	phone call	Luke Welles		
19-Nov	2:00p	email	Luke Welles	emailed completed questionnaire	

Appendix B - Log of Contacts - ASNA

26-Nov 10:30	Post Office	Luke Welles	picked up the mailed forms with Marie signature
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Appendix B - Tribal Engagement Telephonic Record NV Atqasuk

Date	Time	Called Number	Person you spoke with	Summary of conversation	Your initials
9/24/2012	3:30pm	907-633-6422	Herman Kignak	Can meet Oct 3 or 4 in Atqasuk - if not hunting	CC
10/2/2012	4:43pm	907-633-6422	Herman Kignak	left message re: meeting	CC
10/3/2012	9:24am	907-633-6422	Herman Kignak	left message re: meeting	CC
10/3/2012	11:35pm	907-367-3953	Herman Kignak	He is in Barrow -I changed my flight to skip Atqasuk and go to Barrow to meet with Herman	CC
10/3/2012	3:14pm	907-367-3953	Herman Kignak	He is at whale processing area- 3 wales landed today out of Barrow - suggested I come out to where he was...he will be available to meet after 5 pm.	CC
10/3/2012	5:30pm - 7:30pm		Herman Kignak	Tribal Engagement meeting	CC
10/2/2012	9:40am	907-633-3679	Paul Bodfish	He is in Barrow	CC
10/2/2012	9:45am	907-633-1201	Paul Bodfish	Can't make meeting - headed to Sitka	CC
11/5/2012				minutes and approval form mailed	CC
11/16/2012	3:57pm	907-367-3953	ring no answer		CC
11/16/2012	4pm	907-633-6422	ring no answer		CC

Appendix B - Tribal Engagement Telephonic Record NV Barrow

Date	Time	Called Number	Person you spoke with	Summary of conversation
10/10/2012	8:30a	4411	Thomas Olemaun	set up meeting
10/11/2012	10:30a		Thomas Olemaun	Met at the N. V. Office. Sending Tribal PMQ to grant writer, in process of planning economic and commerce for 2013, will send responses to me 10/19/12. Open, discussed direction of FCC, wants Barrow fiber and/or terrestrial to Nuiqsut.
10/24/2012	9:30a	phone call	Cynthia Toop	Returned my call. She is the Grant writer for Native Village of Barrow. She lives in Washington state. We made arrangements to meet in Edmonds on 10-27 at 1:00pm for lunch and discussions.
27-Oct	1:00pm	restaurant	Cynthia Toop	We met until 5:00pm. Provided information to Steve. She is very knowledgeable and open to using ASTAC as a local provider. As a co-op she wants to support us. She had provided the questionnaire to us earlier.
7-Nov	11:00a	location	front desk	dropped off the approval of minutes for Tom Olemaun to sign and send.

Appendix B - Tribal Engagement Telephonic Record ICAS

Date	Time	Called Number	Person you spoke with	Summary of conversation	Your initials
22-Oct	9:30a	852-4227	Helen Simmons	Set up appointment to discuss the DA12-1165 and questionnaire	ao
24-Oct	11:00a	ICAS Location	Helen Simmons	Met at ICAS to discuss documents. Spent 30 min. Helen is contact not Doreen Lampe, she would like presentation at Board Meeting 11/1 at 7:00pm. She requested bridge number for board members to call.	ao
25-Oct	3:00p	852-4227	Helen Simmons	Gave Helen bridge # to call, went over format, participants mute phones, have her fax copies each location for their perusal before meeting. Questions after presentation. She needs toll free # for calling in.	ao
7-Nov	10:00a	ICAS Location	Heather	Heather is acting for Helen, she handled the meeting and teleconference. Very unorganized, asked her for a list of the participants, she said she would mail to me. Helen knew she would be on leave but never told me she did not plan on attending.	ao
13-Nov	8:30a	phone	Dallas Brower	Dallas called me regarding the Board meeting. She did not know who all the participants were, appears they don't keep track, she was satisfied with Charlie's explanation regarding apprentice ship programs or training programs for high school students. She said meeting ended when teleconference with Charlie ended.	
13-Nov	9:00a	email	Helen Simmons	requested again list of participants no answer	

Appendix B - Tribal Engagement. Telephonic Record NV Kaktovik

Date	Time	Called Number	Person you spoke with	Summary of conversation	Your initials
10/8/2012	1313	(907) 640-2042	Receptionist? No name given	Asked for Isaac Akootchook and was told he is not in the office was just the Predsident, Mathew Rexford is GM/Mayor? and will be calling me back. delivered summary of the effort and potential schedule for meeting. He corrected the PO and email address on record. PO box is 52 and email is nvkaktovik@starband.net, Note: email attempt bounced back.	JL
10/9/2012	1456	inbound	Mathew Rexford		JL
10/10/2012	903	NA	Mathew Rexford	Email to nvkaktovik@starband.net bounced back, account disabled	JL
10/10/2012	933	(907) 640-2042	Mathew Rexford	said email is being restored by starband, would be working in th enext few days, tentatively agreed to meet on 10/23	JL
10/23/2012	1000	(907) 640-2042	Mathew Rexford	Confirmed meeting time of 2pm on 10/23 to meet in his offices @ 834 8th st.	JL
10/23/2012	1330	In Person	Carolyn - NV of KAK	random meeting at community center, mentioned that Matthew went home sick with sore throat.	JL

Appendix B - Tribal Engagement Telephonic Record NV Kaktovik

10/23/2012	907 640-6025 1330 (Matthew's home)	Mathew Rexford	Spoke about him being sick and leaving the office, tentatively established a new meeting time for tomorrow at 10am.	JL
10/24/2012	932 (907) 640-2042	No Answer	NA	JL
10/24/2012	907 640-6025 932 (Matthew's home)	Mathew Rexford	Home sick today, agreed to drop info packet and set up a conf call sometime next week.	JL
10/24/2012	1200 NA	Carolyn Kulukhon	Dropped Info packet with her to give to Matthew.	JL
10/29/2012	1007 Email	Mathew Rexford	Requesting meeting times to review packet	JL
10/29/2012	1010 Email	Mathew Rexford	Email to nvkaktovik@starband.net bounced back, account disabled	JL
10/29/2012	1027 (907) 640-2042	Mathew Rexford	No Answer	JL

Appendix B - Tribal Engagement Telephonic Record NV Kaktovik

11/2/2012	1610 (907) 640-2042	Busy	NA	JL
11/2/2012	1615 (907) 640-2042	Busy	NA	JL
11/2/2012	1628 (907) 640-2042	Busy	NA	JL
11/2/2012	1638 Email	Mathew Rexford	Email to nvkaktovik@starband.net requesting phone meeting	JL
11/5/2012	1417 (907) 640-2042	Mathew Rexford	Agreed to meet on 11/8 @ 130p to review the questionnair. Jens to call Matthew directly	JL
11/8/2012	(907)640-2042	Matthew Rexford	Jodi Forsalnd telephoned Matthew on 11/8 and reviewed the information left behind by Jens	JRF

Appendix B - Tribal Engagement Telephonic Record NV Nuiqsut

Date	Time	Called Number	Person you spoke with	Summary of conversation	Your initials
9/25/2012		emailed	Margaret Pardue-BOD Nuiqsut	Requested phone number or email address for Martha Itta.	JRF
9/28/2012	1:47pr	Phone call	Martha Itta	Scheduled appt for 10/23/2012	JRF
10/23/2012	3:00pr	In person	Marhta Itta/Margaret Pardue Sent copy of minutes and approval form to Martha Itta	Met with Martha and Margaret to discuss Tribal Engagement. Meeting lasted approx 1 1/2 hours	JRF
10/31/2012		Mail	Martha Itta	Certified mail Follow Up to see if she had received the copy of the minutes and approval form. She said that she would sign and mail back to be today.	JRF
11/20/2012		Telephone	Martha Itta		JRF

Appendix B - Tribal Engagement Telephonic Record NV Point Hope

Date	Time	Called Number	Person you spoke with	Summary of conversation	Your initials
10/9/2012	3:50pm	907-368-2330	Terri	Margaret Frankson is traveling and won't be back until Monday - I indicated that I would like to meet with Margaret the last week of Oct...and I would call on Monday	CC
10/15/2012	1:05pm	907-368-2330	Harry	Margaret has not returned	CC
10/22/2012	2:50pm	907-368-2330	Terri	Margaret still in Anchorage will try to have her call me while in Anchorage - possibly back in Point Hope on Wed left my cell for Margaret to call - she was out...	CC
10/25/2012	1:25pm	907-368-2330	Agie		
10/29/2012	12:15pm	907-368-2330	ring no answer		CC
10/29/2012	12:20pm	907-368-2326	Ella Kowunna	she will also try to get in touch with Margaret and attend meeting	CC
10/29/2012	3pm		voice message from Peggy		CC
10/29/2012		email exchange	Peggy Frankson	agreed would contact her on arrival in Point Hope tomorrow	CC
10/30/2012	12:30pm	907-368-2330	ring no answer (2 times)		CC
10/30/2012	12:15pm	907-368-2326	Ella Kowunna	setting up meeting	CC
10/30/2012	1:45pm	907-368-2330	?	Was told Peggy was not in this afternoon...told them we were to meet and ask if could get message to Peggy	CC
10/30/2012	2pm	907-368-2326	Ella Kowunna	told her no meeting set yet	CC
10/31/2012	10am		Peggy Frankson/Ella	Tribal meeting held	CC
11/5/2012				Minutes and approval form mailed	CC
11/16/2012	4:05pm	907-368-2330	Anabelle ?	Will pass message to Peggy and ask her to confirm receipt	CC

Appendix B - Tribal Engagement Telephonic Record NV Point Lay

Date	Time	Called Number	Person you spoke with	Summary of conversation	Your initials
10/9/2012	3:55pm	907-833-2575	Misty Plymale	Yes she got the letter "with the questionnaire"...Meeting on Nov 1 is fine with her. She did not want to schedule an actual time so I will call when I get into Point Lay	CC
11/1/2012	2:45pm			Tribal engagement meeting held with Misty Plymale	CC
11/5/2012				Minutes and approval form mailed	CC
11/16/2012	4pm	907-833-2575	Misty Plymale	She put it in the mail back to us with signature yesterday	CC

Appendix B - Contact Log **WAINWRIGHT**

Date	Time	Called Number	Person you spoke with	Summary of conversation	Your initials
9/24/2012	4:30pm	907-763-2535	Blair was at work	Left Message for Blair Patkotak to call me (wk/cell)	CC
9/25/2012	2:50pm	907-763-0009	Blair called me	We plan to meet 10/2 or 10/3 -he has possible crew change out I sent an email - nunak0046@hotmail.com	CC
10/1/2012	10:05am	907-763-7213	Terry Tagarook	Let him know of my trip confirmed arriving	CC
10/1/2012	10:20am	907-763-0009	left Message for Blair	Tuesday Meeting in 15 mins at	CC
10/2/2012	1:15pm		Meet Blair at airport	ASNA office	CC
10/2/2012	1:20pm	925-1265	Tery Tagarook	confirmed meeting Tribal Engagement	CC
10/2/2012	1:30pm to 2:30PM		Blair, Terry and Ronnie	meeting Follow up call re: Native Village of Wainwright	CC
10/18/2012	2pm	907-763-0009	Left Message for Blair	meeting Their tribal meeting got moved to 10/23...our questionnaire is on the agenda	CC
10/18/2012	2:05pm		Blair returned call	Checking on results of their 10/23rd meeting	CC
10/29/2012	12:10pm	907-763-0009	left Message for Blair	Minutes and approval form mailed	CC
10/29/2012	12:10pm		ring no answer	left my desk number for him to call	CC
11/5/2012					
11/16/2012	3:50pm	907-763-0009	left message for Blair		CC

ASTAC Pre-Meeting Questionnaire

Needs Assessment and Deployment Planning

ASTAC should come to the table ready to articulate:

- our deployment priorities,

PROJECT	Description
Barrow Fiber Addition	Install fiber to the Node, CO to Calix- CO to ATT
AKP Broadband Upgrade	Install Adtran equipment to support Ethernet Transport /Broadband services
Anchorage Backup System	Core infrastructure upgrade
2012 Laptop Replacement	Day to Day Operational requirements/upgrades
ATQ Broadband Upgrade	Install Adtran equipment to support Ethernet Transport /Broadband services
BRW Blanket Special Circuits 2012	Day to Day Operational requirements/upgrades
DDH Blanket Spl Circuits	Day to Day Operational requirements/upgrades
PED 34 Power Upgrade	Core infrastructure upgrade
DDH DC Power Distribution Grounding	Day to Day Operational requirements/upgrades
OSP Upgrades and Additions	Core infrastructure upgrade
KAK Broadband Upgrade	Install Adtran equipment to support Ethernet Transport /Broadband services
NUI Broadband Upgrade	Install Adtran equipment to support Ethernet Transport /Broadband services
PLA Broadband Upgrade	Install Adtran equipment to support Ethernet Transport /Broadband services
PTH Broadband Upgrade	Install Adtran equipment to support Ethernet Transport /Broadband services
WAI Broadband Upgrade	Install Adtran equipment to support Ethernet Transport /Broadband services
DDH Alpine Alarm System	Day to Day Operational requirements/upgrades
DDH Install Fiber DDH CO to GCI	Install fiber to the Node
DDH Fiber Electronics - Fujitsu Flas	Adds the electronics in the nodes to support fiber transport
KAK Alarm Reporting	Day to Day Operational requirements/upgrades
BARC Building Ethernet Transport	Day to Day Operational requirements/upgrades
Servers Standard Rotation	Day to Day Operational requirements/upgrades
PC Workstations Rotation	Day to Day Operational requirements/upgrades
Village Printers	Day to Day Operational requirements/upgrades

DMS 10 Reconfiguration	Network rearrangement to support day to day operations plus provides the foundation to grow into future projects
Barrow CO ETS Upgrade	Install Adtran equipment to support Ethernet Transport /Broadband services. This adds the core equipment to utilize fiber transport
ANC Ningiq Voice Mail System	Add new product in villages,
BRW Add Cell Site and Sectorize Antenna	Adds additional voice and data capacity to the network
TARN Generator Replacement	Core infrastructure upgrade
Barrow Cellular Upgrade for Data	Adds additional data capacity to the network
TARN Power Conversion	Core infrastructure upgrade
DDH Wi-Fi PPV	Day to Day Operational requirements/upgrades
DDH Home WI-FI Support TR-069	Network infrastructure upgrade
Internet Equipment for Service Orders	Day to Day Operational requirements/upgrades

- the process by which we arrived at these priorities,

ASTAC's Board of Directors set overall direction for the Cooperative and are elected residents from the villages and Barrow. Day to day operation of the Coop is overseen by a professional staff on the executive team. The executive team updates a strategic plan each year using an eight step process:

1. Gather information – This includes community needs assessment input by the Board
2. Assess capabilities
3. Make assumptions
4. Make strategic assessments
5. Formulate strategy
6. Establish goals and objectives
7. Formulate tentative action plans
8. Finalize action plans

Once objectives are prioritized (Step 6) and an action plan for the selected objectives is formulated (Step 7), the plan is brought before the Board of Directors for review, with an opportunity to add to, delete from or otherwise modify any of the objectives, including reviving any objectives that didn't make the executive team highest priority list. The Board of Directors has the final say in what objectives remain on the list and vote on a resolution approving the strategic plan. Once the objectives are ratified, Step 8, finalizing action plans is completed and the Plan goes live. This is a summary of how ASTAC arrives at its priorities. In actuality, strategic planning takes 100's of hours of executive team time to collect and analyze data, project costs and timelines, schedule employees and contractors to complete a phased build out during our short construction season, determine how to finance the plan, etc.

- ASTAC plans for future deployment on Tribal lands.
 - Build all exchanges to support the same feature sets, All Redcom CO switches will have the same Hardware/Software and support the same features. All IP equipment would be at the same hardware/software and support the same features.
 - Migrate Barrow CO switch to Redcom
 - Install Fiber as needed to support Broadband service
 - Upgrade AC/DC Power as needed to support services
 - Upgrade copper plant as needed to support services
 - Cellular network would grow only to support voice demands, with 5 to 7 years end of life.
 - 700 network would grow to support demands
- List the services ASTAC currently deploys
 - Wireless voice and 2G data (internet) service
 - Local phone service with custom calling features
 - Long distance service
 - DSL internet
 - Dedicated internet (business)
 - Professional services

- ASTAC timelines for the provision of services not currently available on Tribal lands

The current middle mile transport is satellite based and has been deemed an acceptable alternative service by the FCC. Since satellite middle mile connectivity does not have sufficient bandwidth to support the throughput speeds for both fixed and mobile broadband,¹ we respectfully disagree with this characterization. Without getting into specifics protected by Non-Disclosure Agreements, we can say that there is a good chance that an undersea fiber may make landfall at points to be determined on the North Slope coast. If and when this occurs and we are able to procure inexpensive bandwidth, we would be able to increase fixed broadband speeds as well as roll out 3G or even 4G service anywhere with some form of connectivity to a fiber transport facility.

- Priorities in terms of service and the factors that led us to prioritize deployment to particular areas.

¹ See Attachment A,

ASTAC's Board of Directors mandated the provisioning of wireless voice and data service in all exchanges as well as DSL in all exchanges by 2012 as the two highest priority initiatives for the Coop to undertake. ASTAC was able to complete this build out almost two years ahead of schedule with a multi-million dollar loan from the RTFC.

- Identify any opportunities ASTAC envisions to partner with Tribal governments.

Bringing robust terrestrial broadband, e.g. an undersea fiber, to connect the isolated villages of the North Slope to the world will be extremely challenging. If we are going to be heard, it will take a concerted effort on the part of ASTAC, the different Tribal governments, the Regional Native Corporation and the North Slope Borough in terms of leveraging our collective financial and political resources. Speaking as a unified voice, we can bring affordable broadband connectivity to the people of the North Slope, connectivity that much of the rest of the country takes for granted.

Feasibility and Sustainability Planning

We should be sure to document any new service/infrastructure request and as applicable, perform a business case and share the results with the Tribal entity and the FCC as part of our contribution to this process.

- Ms. Carroll expressed a desire to have terrestrial connectivity to all the villages which are currently all served by satellite middle mile. Telemedicine is a core service of ASNA and greater broadband at an affordable price and less latency is badly needed.

Marketing Services in a Culturally Sensitive Manner

Tailoring of service offerings to the community through, the feasibility of a local presence in the community:

ASTAC employs village representatives in all of our remote village exchanges. These employees are our "first responders" in the event of a weather or power outage and monitor systems, backup power and HVAC in our central offices on a daily basis. They are also "boots on the ground", working with technicians by phone to trouble shoot equipment when inclement weather grounds all air transportation. Our village representatives are a key component to initiation of new services and restoration of service and we generally are regarded as the most responsive of ETC's serving the villages because of their resident status.

In Barrow, the regional air hub, ASTAC has a retail store stocked with a variety of CPE, including our latest cell phones and accessories, landline phones, and other communication devices. We also have a work station connected to our Internet service available to demonstrate what the Internet can provide the user. This retail store also takes orders from the surrounding villages and utilizes daily bush plane flights to get product into consumer's hands much faster than USPS service. ASTAC also offers free/courtesy wifi access in the Barrow airport to keep regional travelers/members connected.

Our cultural sensitivity to the Inupiat people of the North Slope and the cultural practice of speaking in Inupiaq led to the hiring of Ms. Daisy Swisher, a former resident and Director from Wainwright. For many of our members who are revered elders, Inupiaq is the most effective means of communication. "Ms. Daisy," as she is affectionately known, provides Inupiaq speaking options for callers/walk-ins into customer service. Furthermore, our annual meeting presentations are translated into Inupiaq, and Daisy is a standing member of the annual meetings team and provides translated clarification to our presentations, as needed. We also respect the traditions of our members with invocation/prayer before all BOD and annual meetings.

Marketing materials in a culturally sensitive manner:

ASTAC uses an Alaskan marketing firm in developing our marketing materials and themes that resonate with the individual villages. All materials are vetted with our Board of Directors, elected from the village. Attached are examples of some of our advertising which features various current boys and girls champion high school basketball teams, long a source of pride and entertainment for the people of the North Slope. We run this advertising under the tag line "Your Home Court Advantage" and incorporate the theme into our Annual Swoosh Competition, where we hold free throw contests in each village and Barrow in conjunction with a marketing/sales event. The winner of the free throw contest for each community is recognized on our Facebook account and one lucky finalist will be drawn for round trip airfare, hotel and tickets for two people to the Great Alaska Shootout in Anchorage during Thanksgiving break. This is our major in-village campaign each year and is extremely well received and attended.

- *Do you have any suggestions or ideas for improving our marketing efforts and would you want to participate in developing marketing material, either jointly or in tandem?*

Rights of Way and Other Permitting and Review Processes

ASTAC's documentation of any and all processes with a list of relevant rights of way and other permitting and review processes on Tribal lands is as follows:

Licensing, regulatory requirements:

- Federal Communications Commission

- radio freq

- site construction

- towers

- National Historic Preservation Act requirements

- Rights of way

- North Slope Borough

- State of Alaska

- Bureau of Land Management

- Bureau of Indian Affairs

- Native Corporations

- FAA and U.S. Fish and Wildlife

- Tower location, height and lighting

- Bird strikes on tower guides

Compliance with Tribal Business and Licensing Requirements

Discuss in detail the relevant Tribal business and licensing requirements. ASTAC should provide evidence of compliance with any Tribal business practice licenses with which they currently comply for that Tribe.

Per Alaska Statute (AS) 10.25.550 Telephone Cooperatives shall compute Gross Receipts Tax as 2% of gross revenue for the cooperative. The following table represents known and projected payments to the villages of the North Slope Borough:

12/31/12	\$ 329,624.40	Estimate
12/31/11	\$ 273,756.23	Actual
12/31/10	\$ 230,380.74	Actual
12/31/09	\$ 235,508.73	Actual
12/31/08	\$ 207,147.42	Actual
12/31/07	\$ 261,359.92	Actual
Six year total	\$1,537,777.44	

ASTAC also is licensed through the State of Alaska to provide telecommunications services.

- *Are there any other licenses that you are aware of that we should have in order to provide telecommunications services?*

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- Ms. Dallas Brower advocated for native hire in the villages and the possibility of an internship program. Charlie Carpenter explained that ASTAC employs village representatives in all of our remote village exchanges. These employees are our "first responders" in the event of a weather or power outage and monitor systems, backup power and HVAC in our central offices on a daily basis. They are also "boots on the ground", working with technicians by phone to trouble shoot equipment when inclement weather grounds all air transportation. Our village representatives are a key component to initiation of new services and restoration of service and we generally are regarded as the most responsive of ETC's serving the villages because of their resident status. Ms. Brower stated that they are interested in all employment possibilities.
- The ICAS representative from Point Hope said the Maniliq Corporation wireless Internet needed improvement. We could provide a wired solution if they wanted to change vendors.
- Additional discussion was tabled, Mr. Carpenter was asked to resend the documents we reviewed and thanked for his time before dropping off the call. Mr. Carpenter subsequently emailed all the discussion documents to Helen Simmonds, our initial point of contact and ICAS Operations Manager, when he got some email bounces from the email listings for the ICAS Board members.

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- *Do you have any suggestions or ideas for improving our marketing efforts and would you want to participate in developing marketing material, either jointly or in tandem?*

Rights of Way and Other Permitting and Review Processes

ASTAC's documentation of any and all processes with a list of relevant rights of way and other permitting and review processes on Tribal lands is as follows:

Licensing, regulatory requirements:

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- Rights of way
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 - State of Alaska
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ASTAC Pre-Meeting Questionnaire

Needs Assessment and Deployment Planning

ASTAC should come to the table ready to articulate:

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PROJECT	Description
AKP Broadband Upgrade	Install Adtran equipment to support Ethernet
Anchorage Backup System	Transport /Broadband services
2012 Laptop Replacement	Core infrastructure upgrade
OSP Upgrades and Additions	Day to Day Operational requirements/upgrades
Servers Standard Rotation	Core infrastructure upgrade
PC Workstations Rotation	Day to Day Operational requirements/upgrades
Village Printers	Day to Day Operational requirements/upgrades
ANC Ningiq Voice Mail System	Day to Day Operational requirements/upgrades
Internet Equipment for Service Orders	Add new product in villages,
	Day to Day Operational requirements/upgrades

- the process by which we arrived at these priorities,

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strategic planning takes 100's of hours of executive team time to collect and analyze data, project costs and timelines, schedule employees and contractors to complete a phased build out during our short construction season, determine how to finance the plan, etc.

- **ASTAC plans for future deployment on Tribal lands.**
 - Build all exchanges to support the same feature sets, All Redcom CO switches will have the same Hardware/Software and support the same features. All IP equipment would be at the same hardware/software and support the same features.
 - Migrate Barrow CO switch to Redcom
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 - 700 network would grow to support demands
- **List the services ASTAC currently deploys**
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 - Professional services

- **ASTAC timelines for the provision of services not currently available on Tribal lands**

The current middle mile transport is satellite based and has been deemed an acceptable alternative service by the FCC. Since satellite middle mile connectivity does not have sufficient bandwidth to support the throughput speeds for both fixed and mobile broadband,¹ we respectfully disagree with this characterization. Without getting into specifics protected by Non-Disclosure Agreements, we can say that there is a good chance that an undersea fiber may make landfall at points to be determined on the North Slope coast. If and when this occurs and we are able to procure inexpensive bandwidth, we would be able to increase fixed broadband speeds as well as roll out 3G or even 4G service anywhere with some form of connectivity to a fiber transport facility.

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- Priorities in terms of service and the factors that led us to prioritize deployment to particular areas.

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- Identify any opportunities ASTAC envisions to partner with Tribal governments.

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Feasibility and Sustainability Planning

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Mr. Justus Mekiana Jr. expressed a desire to extend cell coverage further outside the village. Due to the lack of roads and commercial power outside the village and mountainous terrain surrounding Anaktuvuk Pass, any additional cell sites would be extraordinarily expensive to construct and maintain, particularly with the phase down of identical support and low subscriber count in the village.

Marketing Services in a Culturally Sensitive Manner

Tailoring of service offerings to the community through, the feasibility of a local presence in the community:

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Both Justus and Patrick Mekiana thought that ASTAC does an excellent job in marketing in a culturally sensitive manner. They commended the use of Daisy Swisher in providing translation service to the elders during Annual Meeting.

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Mr. Mekiana Jr. was unaware of any additional licensing.

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Servers Standard Rotation	Day to Day Operational requirements/upgrades
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Mr. Olemaun desires fiber in Barrow and a terrestrial microwave route connecting Nuiqsut to Barrow. The ASTAC Pre-Meeting Questionnaire details current and future deployment of fiber in Barrow. ASTAC also serves Nuiqsut with a terrestrial microwave from Deadhorse in Prudhoe Bay and we are aware of an undersea fiber project by Arctic Fibre that will likely provide fiber connectivity to Deadhorse and Barrow. The following statement is extracted from their October 3, 2012 press release:

*"Negotiations are ongoing with a major American carrier to construct spurs into the Alaskan communities of Nome, Kotzebue, Wainwright, Barrow and Prudhoe Bay who face similar problems accessing the information highway."*²

Connectivity between Barrow and Nuiqsut would be much more cost effective utilizing the undersea fiber capacity landing at Barrow and Prudhoe Bay (Deadhorse) in conjunction with ASTAC's existing terrestrial microwave system connecting Nuiqsut to Deadhorse.

² See <http://arcticfibre.com/?p=600>

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Mr. Rexford inquired about our Federal funding and was given a briefing on the Universal Service Fund.

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Mr. Rexford was very excited to hear about the possibility of fiber connectivity to the undersea fiber being planned by Arctic Fibre and thought that would be an excellent service addition.

Mr. Rexford inquired about ASTAC providing the Native Village with a teleconference bridge. Mr. Laipenieks will follow up with that request.

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12/31/12	\$ 329,624.40	Estimate
12/31/11	\$ 273,756.23	Actual
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12/31/08	\$ 207,147.42	Actual
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Six year total	\$1,537,777.44	

ASTAC also is licensed through the State of Alaska to provide telecommunications services.

- *Are there any other licenses that you are aware of that we should have in order to provide telecommunications services?*

No additional licenses were identified.

ASTAC Pre-Meeting Questionnaire

Needs Assessment and Deployment Planning

ASTAC should come to the table ready to articulate:

- our deployment priorities,

PROJECT	Description
Anchorage Backup System	Core infrastructure upgrade
2012 Laptop Replacement	Day to Day Operational requirements/upgrades
OSP Upgrades and Additions	Core infrastructure upgrade
	Install Adtran equipment to support Ethernet
NUI Broadband Upgrade	Transport /Broadband services
Servers Standard Rotation	Day to Day Operational requirements/upgrades
PC Workstations Rotation	Day to Day Operational requirements/upgrades
Village Printers	Day to Day Operational requirements/upgrades
ANC Ningiq Voice Mail System	Add new product in villages,
Internet Equipment for Service Orders	Day to Day Operational requirements/upgrades

- the process by which we arrived at these priorities,

ASTAC's Board of Directors set overall direction for the Cooperative and are elected residents from the villages and Barrow. Day to day operation of the Coop is overseen by a professional staff on the executive team. The executive team updates a strategic plan each year using an eight step process:

1. Gather information – This includes community needs assessment input by the Board
2. Assess capabilities
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5. Formulate strategy
6. Establish goals and objectives
7. Formulate tentative action plans
8. Finalize action plans

Once objectives are prioritized (Step 6) and an action plan for the selected objectives is formulated (Step 7), the plan is brought before the Board of Directors for review, with an opportunity to add to, delete from or otherwise modify any of the objectives, including reviving any objectives that didn't make the executive team highest priority list. The Board of Directors has the final say in what objectives remain on the list and vote on a resolution approving the strategic plan. Once the objectives are ratified, Step 8, finalizing action plans is completed and the Plan goes live. This is a summary of how ASTAC arrives at its priorities. In actuality,

strategic planning takes 100's of hours of executive team time to collect and analyze data, project costs and timelines, schedule employees and contractors to complete a phased build out during our short construction season, determine how to finance the plan, etc.

- ASTAC plans for future deployment on Tribal lands.
 - Build all exchanges to support the same feature sets, All Redcom CO switches will have the same Hardware/Software and support the same features. All IP equipment would be at the same hardware/software and support the same features.
 - Migrate Barrow CO switch to Redcom
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 - 700 network would grow to support demands
- List the services ASTAC currently deploys
 - Wireless voice and 2G data (internet) service
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 - Long distance service
 - DSL internet
 - Dedicated internet (business)
 - Professional services

- ASTAC timelines for the provision of services not currently available on Tribal lands

The current middle mile transport is satellite based and has been deemed an acceptable alternative service by the FCC. Since satellite middle mile connectivity does not have sufficient bandwidth to support the throughput speeds for both fixed and mobile broadband,¹ we respectfully disagree with this characterization. Without getting into specifics protected by Non-Disclosure Agreements, we can say that there is a good chance that an undersea fiber may make landfall at points to be determined on the North Slope coast. If and when this occurs and we are able to procure inexpensive bandwidth, we would be able to increase fixed broadband speeds as well as roll out 3G or even 4G service anywhere with some form of connectivity to a fiber transport facility.

¹ See Attachment A,

- Priorities in terms of service and the factors that led us to prioritize deployment to particular areas.

ASTAC's Board of Directors mandated the provisioning of wireless voice and data service in all exchanges as well as DSL in all exchanges by 2012 as the two highest priority initiatives for the Coop to undertake. ASTAC was able to complete this build out almost two years ahead of schedule with a multi-million dollar loan from the RTFC.

- Identify any opportunities ASTAC envisions to partner with Tribal governments.

Bringing robust terrestrial broadband, e.g. an undersea fiber, to connect the isolated villages of the North Slope to the world will be extremely challenging. If we are going to be heard, it will take a concerted effort on the part of ASTAC, the different Tribal governments, the Regional Native Corporation and the North Slope Borough in terms of leveraging our collective financial and political resources. Speaking as a unified voice, we can bring affordable broadband connectivity to the people of the North Slope, connectivity that much of the rest of the country takes for granted.

Both Margaret Pardue and Martha Itta agreed that it will take a unified voice, speaking as one, if we are to get affordable broadband for the region and that we should work together towards that goal.

Feasibility and Sustainability Planning

We should be sure to document any new service/infrastructure request and as applicable, perform a business case and share the results with the Tribal entity and the FCC as part of our contribution to this process.

Both Margaret Pardue and Martha Itta would like to see ASTAC increase its bandwidth to support higher throughput speeds for both fixed and wireless broadband. We reviewed the current satellite transport limitations in terms of available bandwidth and extraordinary cost as well as the recent press release by Arctic Fibre, which has plans to connect Europe and Asia via a fiber that traverses the North West Passage. In that press release, Arctic Fibre said it had plans to put in landings to nearby Prudhoe Bay and Barrow. This would provide substantially increased bandwidth at a reasonable cost for Nuiqsut. The group also discussed the TERRA project in Southwest Alaska and its proposed expansion to the Nome area on the western Alaska Coast by the end of 2014.

Marketing Services in a Culturally Sensitive Manner

Tailoring of service offerings to the community through, the feasibility of a local presence in the community:

ASTAC employs village representatives in all of our remote village exchanges. These employees are our "first responders" in the event of a weather or power outage and monitor systems, backup power and HVAC in our central offices on a daily basis. They are also "boots on the ground", working with technicians by phone to trouble shoot equipment when inclement weather grounds all air transportation. Our village representatives are a key component to initiation of new services and restoration of service and we generally are regarded as the most responsive of ETC's serving the villages because of their resident status.

In Barrow, the regional air hub, ASTAC has a retail store stocked with a variety of CPE, including our latest cell phones and accessories, landline phones, and other communication devices. We also have a work station connected to our Internet service available to demonstrate what the Internet can provide the user. This retail store also takes orders from the surrounding villages and utilizes daily bush plane flights to get product into consumer's hands much faster than USPS service. ASTAC also offers free/courtesy wifi access in the Barrow airport to keep regional travelers/members connected.

Our cultural sensitivity to the Inupiat people of the North Slope and the cultural practice of speaking in Inupiaq led to the hiring of Ms. Daisy Swisher, a former resident and Director from Wainwright. For many of our members who are revered elders, Inupiaq is the most effective means of communication. "Ms. Daisy," as she is affectionately known, provides Inupiaq speaking options for callers/walk-ins into customer service. Furthermore, our annual meeting presentations are translated into Inupiaq, and Daisy is a standing member of the annual meetings team and provides translated clarification to our presentations, as needed. We also respect the traditions of our members with invocation/prayer before all BOD and annual meetings.

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- *Do you have any suggestions or ideas for improving our marketing efforts and would you want to participate in developing marketing material, either jointly or in tandem?*

Margaret and Martha shared several ideas for improving our marketing efforts. They included:

1. Having a Board member attend all SWOOSH contests and Annual Meetings so they can

become familiar with the other villages. We could alternate Directors each year.

2. We should increase the advertising telling the community who our Board members are for all the villages, perhaps using the TV ad for SWOOSH to do so.
3. We need to expand our retail presence to Nuiqsut, perhaps by doing a resale arrangement at the local grocery store.

ASTAC marketing material was reviewed with Margaret and Martha and they thought that our marketing theme "Home Court Advantage" resonated with the community. Overall, they were very pleased with the way ASTAC markets in a culturally sensitive manner.

ASTAC committed to following up on the ideas proposed by the Native Village of Nuiqsut, doing an analysis on them and sharing the results with the Native Village leadership.

Rights of Way and Other Permitting and Review Processes

ASTAC's documentation of any and all processes with a list of relevant rights of way and other permitting and review processes on Tribal lands is as follows:

Licensing, regulatory requirements:

- Federal Communications Commission
 - radio freq
 - site construction
 - towers
- National Historic Preservation Act requirements
- Rights of way
 - North Slope Borough
 - State of Alaska
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- *Are there any other licenses that you are aware of that we should have in order to provide telecommunications services?*
 - No additional licenses were disclosed.

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- Ms. Frankson also mentioned that they were working on a trilateral community plan (City of Point Hope, Native Village of Point Hope and Tikigaq Corporation) that should be completed in 2 or 3 months. We would definitely want to be aware of and involved in that discussion. It would not be available for this year's filing but that this was intended to be a yearly event and if we stayed in touch throughout the year we would not have to meet but could just get a status on a teleconference. Ms. Kowunna said we definitely want to do it the most efficient way. Ms. Frankson agreed.
- We discussed the idea of partnering with Tribal governments. We shared that we had worked in the past with companies that were trying to bring fiber cables to the North Slope of Alaska and had discussed these plans with some native corporations but that the projects have yet to be funded. We shared that an attempt had been made to get stimulus funding with no success. We shared that our ability to provide broader band service in the future will be limited as long as we are limited to satellite transport facilities.

Feasibility and Sustainability Planning

We should be sure to document any new service/infrastructure request and as applicable, perform a business case and share the results with the Tribal entity and the FCC as part of our contribution to this process.

- A higher antenna was suggested – Ms. Frankson said that this would be good for a number of reasons, but surely for emergencies. They will be placing an emergency shelter farther out in the next couple of years when they extend the evacuation road. We shared that tower height was a common interest in most villages. We mentioned that in many villages we are as high as we can go because of FAA height requirement. We will check on the Point Hope antenna height and see if we have any room to increase it.
- We discussed the idea that any projects that we look at together will once funded will also have to be sustainable in a reasonable business case.

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- *Do you have any suggestions or ideas for improving our marketing efforts and would you want to participate in developing marketing material, either jointly or in tandem?*

Ms. Frankson was interested in seeing our marketing materials and soft copy was delivered to her electronically.

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- *Are there any other licenses that you are aware of that we should have in order to provide telecommunications services?*

Ms. Frankson said there were no special licensing requirements. We shared the many ROW and permitting processes that ASTAC already is subject to.

ASTAC Pre-Meeting Questionnaire

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- Ms. Misty Plymale, Tribal Administrator, asked what the range was on the cell service. She indicated that her boy friend had to be rescued after walking 13 ½ hours and couldn't make a call 5 miles from town. She said people hunt and fish away from town and if they take a radio there is noise when they are hunting but if they could take a cell phone and put it on vibrate it would be better because it would be silent. This reinforces the fact that where other parts of the U.S. think a cell phone provides convenience, in the Arctic, it is as much a life saving tool as a rifle and compass when engaging in subsistence activities. I shared that tower height was a common interest in most villages. I mentioned that in many villages we are as high as we can go because of FAA height requirement. I indicated that I would check on the Point Lay antenna height and see if we had any room to increase it.
- We discussed the idea of partnering with Tribal governments. I shared that we had worked in the past with companies that were trying to bring fiber cables to the North Slope of Alaska and had discussed these plans with some native corporations but that the projects have yet to be funded. I shared that our ability to provide broader band service in the future will be limited as long as we are limited to satellite transport facilities.
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- *Do you have any suggestions or ideas for improving our marketing efforts and would you want to participate in developing marketing material, either jointly or in tandem?*
- Ms. Plymale was familiar with our marketing materials. She didn't suggest any changes or wanting to be involved with creating them jointly. I left marketing materials with her for further review.

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12/31/08	\$ 207,147.42	Actual
12/31/07	\$ 261,359.92	Actual
Six year total	\$1,537,777.44	

ASTAC also is licensed through the State of Alaska to provide telecommunications services.

- *Are there any other licenses that you are aware of that we should have in order to provide telecommunications services?*

Ms. Plymale confirmed that there was no additional special permitting required in Point Lay.

ASTAC Pre-Meeting Questionnaire

Needs Assessment and Deployment Planning

ASTAC should come to the table ready to articulate:

- our deployment priorities,

PROJECT	Description
Anchorage Backup System	Core infrastructure upgrade
2012 Laptop Replacement	Day to Day Operational requirements/upgrades
OSP Upgrades and Additions	Core infrastructure upgrade
Servers Standard Rotation	Day to Day Operational requirements/upgrades
PC Workstations Rotation	Day to Day Operational requirements/upgrades
Village Printers	Day to Day Operational requirements/upgrades
ANC Ningiq Voice Mail System	Add new product in villages,
Internet Equipment for Service Orders	Day to Day Operational requirements/upgrades
	Install Adtran equipment to support Ethernet
AIN Broadband Upgrade	Transport /Broadband services

- the process by which we arrived at these priorities,

ASTAC's Board of Directors set overall direction for the Cooperative and are elected residents from the villages and Barrow. Day to day operation of the Coop is overseen by a professional staff on the executive team. The executive team updates a strategic plan each year using an eight step process:

1. Gather information – This includes community needs assessment input by the Board
2. Assess capabilities
3. Make assumptions
4. Make strategic assessments
5. Formulate strategy
6. Establish goals and objectives
7. Formulate tentative action plans
8. Finalize action plans

Once objectives are prioritized (Step 6) and an action plan for the selected objectives is formulated (Step 7), the plan is brought before the Board of Directors for review, with an opportunity to add to, delete from or otherwise modify any of the objectives, including reviving any objectives that didn't make the executive team highest priority list. The Board of Directors has the final say in what objectives remain on the list and vote on a resolution approving the strategic plan. Once the objectives are ratified, Step 8, finalizing action plans is completed and the Plan goes live. This is a summary of how ASTAC arrives at its priorities. In actuality,

strategic planning takes 100's of hours of executive team time to collect and analyze data, project costs and timelines, schedule employees and contractors to complete a phased build out during our short construction season, determine how to finance the plan, etc.

- ASTAC plans for future deployment on Tribal lands.
 - Build all exchanges to support the same feature sets, All Redcom CO switches will have the same Hardware/Software and support the same features. All IP equipment would be at the same hardware/software and support the same features.
 - Migrate Barrow CO switch to Redcom
 - Install Fiber as needed to support Broadband service
 - Upgrade AC/DC Power as needed to support services
 - Upgrade copper plant as needed to support services
 - Cellular network would grow only to support voice demands, with 5 to 7 years end of life.
 - 700 network would grow to support demands
- List the services ASTAC currently deploys
 - Wireless voice and 2G data (internet) service
 - Local phone service with custom calling features
 - Long distance service
 - DSL internet
 - Dedicated internet (business)
 - Professional services

- ASTAC timelines for the provision of services not currently available on Tribal lands

The current middle mile transport is satellite based and has been deemed an acceptable alternative service by the FCC. Since satellite middle mile connectivity does not have sufficient bandwidth to support the throughput speeds for both fixed and mobile broadband,¹ we respectfully disagree with this characterization. Without getting into specifics protected by Non-Disclosure Agreements, we can say that there is a good chance that an undersea fiber may make landfall at points to be determined on the North Slope coast. If and when this occurs and we are able to procure inexpensive bandwidth, we would be able to increase fixed broadband speeds as well as roll out 3G or even 4G service anywhere with some form of connectivity to a fiber transport facility.

¹ See Attachment A,

Attachment A

- Priorities in terms of service and the factors that led us to prioritize deployment to particular areas.

ASTAC's Board of Directors mandated the provisioning of wireless voice and data service in all exchanges as well as DSL in all exchanges by 2012 as the two highest priority initiatives for the Coop to undertake. ASTAC was able to complete this build out almost two years ahead of schedule with a multi-million dollar loan from the RTFC.

- Identify any opportunities ASTAC envisions to partner with Tribal governments.

Bringing robust terrestrial broadband, e.g. an undersea fiber, to connect the isolated villages of the North Slope to the world will be extremely challenging. If we are going to be heard, it will take a concerted effort on the part of ASTAC, the different Tribal governments, the Regional Native Corporation and the North Slope Borough in terms of leveraging our collective financial and political resources. Speaking as a unified voice, we can bring affordable broadband connectivity to the people of the North Slope, connectivity that much of the rest of the country takes for granted.

Feasibility and Sustainability Planning

We should be sure to document any new service/infrastructure request and as applicable, perform a business case and share the results with the Tribal entity and the FCC as part of our contribution to this process.

1. During our engagement discussions, Terry Tagarook asked if it was possible to increase the height of towers in some of the villages. Charlie Carpenter, ASTAC's Chief Network Officer, explained that tower height is regulated by the FAA because of the close proximity of the tower in many instances to the airport serving each village.
2. Blair Patkotak said there is a chance that the old Dewline site might be rehabilitated into a commercial airport for Alaska Airlines in support of the oil exploration taking place in Wainwright. If and when that happened, there might be an opportunity to increase our tower if the current airport traffic shifts to the Dewline site further outside of town.

Marketing Services in a Culturally Sensitive Manner

Tailoring of service offerings to the community through, the feasibility of a local presence in the community:

ASTAC employs village representatives in all of our remote village exchanges. These employees are our "first responders" in the event of a weather or power outage and monitor systems, backup power and HVAC in our central offices on a daily basis. They are also "boots on the ground", working with technicians by phone to trouble shoot equipment when inclement weather grounds all air transportation. Our village representatives are a key component to initiation of new services and restoration of service and we generally are regarded as the most responsive of ETC's serving the villages because of their resident status.

Attachment A

In Barrow, the regional air hub, ASTAC has a retail store stocked with a variety of CPE, including our latest cell phones and accessories, landline phones, and other communication devices. We also have a work station connected to our Internet service available to demonstrate what the Internet can provide the user. This retail store also takes orders from the surrounding villages and utilizes daily bush plane flights to get product into consumer's hands much faster than USPS service. ASTAC also offers free/courtesy wi-fi access in the Barrow airport to keep regional travelers/members connected.

Our cultural sensitivity to the Inupiat people of the North Slope and the cultural practice of speaking in Inupiaq led to the hiring of Ms. Daisy Swisher, a former resident and Director from Wainwright. For many of our members who are revered elders, Inupiaq is the most effective means of communication. "Ms. Daisy," as she is affectionately known, provides Inupiaq speaking options for callers/walk-ins into customer service. Furthermore, our annual meeting presentations are translated into Inupiaq, and Daisy is a standing member of the annual meetings team and provides translated clarification to our presentations, as needed. We also respect the traditions of our members with invocation/prayer before all BOD and annual meetings.

Marketing materials in a culturally sensitive manner:

ASTAC uses an Alaskan marketing firm in developing our marketing materials and themes that resonate with the individual villages. All materials are vetted with our Board of Directors, elected from the village. Attached are examples of some of our advertising which features various current boys and girls champion high school basketball teams, long a source of pride and entertainment for the people of the North Slope. We run this advertising under the tag line "Your Home Court Advantage" and incorporate the theme into our Annual Swoosh Competition, where we hold free throw contests in each village and Barrow in conjunction with a marketing/sales event. The winner of the free throw contest for each community is recognized on our Facebook account and one lucky finalist will be drawn for round trip airfare, hotel and tickets for two people to the Great Alaska Shootout in Anchorage during Thanksgiving break. This is our major in-village campaign each year and is extremely well received and attended.

- *Do you have any suggestions or ideas for improving our marketing efforts and would you want to participate in developing marketing material, either jointly or in tandem?*

Mr. Blair Patkotak stated that Facebook is an excellent way to get marketing information to the community and that he would like to see more of that. ASTA does currently use Facebook to inform and does incorporate some marketing and promotional offers. We will make sure that all promotional collateral have a Facebook component in the media mix. This should already be happening but we can make it a standing order.

Ms. Ronnie Morales said there is a need for more Internet desktop support in the village. A discussion on the creation of an IT intern ensued. We were asked if we had tried to get Federal money. We explained that we were unsuccessful in trying to get Federal support for an undersea fiber that would traverse and land on the western and northern coast of Alaska. TERRA SW, a GCI project, was funded instead. Ms. Morales brought up Starband getting money from stimulus which in turn allowed her to get free installation and a subsidized rate for three years. She also indicated that the service does go down occasionally. Ms. Morales was interested in pursuing a

Attachment A

Federal grant to enhance the digital literacy of the village. We provided follow up contact information below for the Office of Native Affairs and Policy on how best to pursue that Federal funding.

Office of Native Affairs and Policy

Geoffrey Blackwell @ (202) 418-3629

Irene Flannery @ (202) 418-1307

Rights of Way and Other Permitting and Review Processes

ASTAC's documentation of any and all processes with a list of relevant rights of way and other permitting and review processes on Tribal lands is as follows:

The following licensing and regulatory requirements were reviewed with the assembled leaders of Native Village of Wainwright:

- Federal Communications Commission

- radio freq
- site construction
- towers
- National Historic Preservation Act requirements

- Rights of way

- North Slope Borough
- State of Alaska
- Bureau of Land Management
- Bureau of Indian Affairs
- Native Corporations

- FAA and U.S. Fish and Wildlife

- Tower location, height and lighting
- Bird strikes on tower guides

Compliance with Tribal Business and Licensing Requirements

Discuss in detail the relevant Tribal business and licensing requirements. ASTAC should provide evidence of compliance with any Tribal business practice licenses with which they currently comply for that Tribe.

Per Alaska Statute (AS) 10.25.550 Telephone Cooperatives shall compute Gross Receipts Tax as 2% of gross revenue for the cooperative. The following table represents known and projected payments to the villages of the North Slope Borough:

12/31/12	\$ 329,624.40	Estimate
12/31/11	\$ 273,756.23	Actual
12/31/10	\$ 230,380.74	Actual
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12/31/08	\$ 207,147.42	Actual
12/31/07	\$ 261,359.92	Actual
Six year total	\$1,537,777.44	

ASTAC also is licensed through the State of Alaska to provide telecommunications services.

- *Are there any other licenses that you are aware of that we should have in order to provide telecommunications services?*

Ms. Ronnie Morales said there is nothing in their Constitution that requires additional licensing on their tribal lands.

Other Issues Discussed

Blair Patkotak, citing a news program, stated, "The government is going to make it harder for us to use the Internet." Mr. Patkotak wanted it on the record that the Internet should be free of government intervention.

Our Tribal Pre-meeting Questionnaire was going to be presented at the next counsel meeting on October 11th. We will contact Mr. Patkotak after the 11th to see if there is any more feedback and to allow him to read these minutes of our discussions.

ASTAC Pre-Meeting Questionnaire

Needs Assessment and Deployment Planning

ASTAC should come to the table ready to articulate:

- our deployment priorities,

PROJECT	Description
Anchorage Backup System	Core infrastructure upgrade
2012 Laptop Replacement	Day to Day Operational requirements/upgrades
ATQ Broadband Upgrade	Install Adtran equipment to support Ethernet
OSP Upgrades and Additions	Transport /Broadband services
Servers Standard Rotation	Core infrastructure upgrade
PC Workstations Rotation	Day to Day Operational requirements/upgrades
Village Printers	Day to Day Operational requirements/upgrades
ANC Ningiq Voice Mail System	Add new product in villages,
Internet Equipment for Service Orders	Day to Day Operational requirements/upgrades

- the process by which we arrived at these priorities,

ASTAC's Board of Directors set overall direction for the Cooperative and are elected residents from the villages and Barrow. Day to day operation of the Coop is overseen by a professional staff on the executive team. The executive team updates a strategic plan each year using an eight step process:

1. Gather information – This includes community needs assessment input by the Board
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the Plan goes live. This is a summary of how ASTAC arrives at its priorities. In actuality, strategic planning takes 100's of hours of executive team time to collect and analyze data, project costs and timelines, schedule employees and contractors to complete a phased build out during our short construction season, determine how to finance the plan, etc.

- ASTAC plans for future deployment on Tribal lands.
 - Build all exchanges to support the same feature sets, All Redcom CO switches will have the same Hardware/Software and support the same features. All IP equipment would be at the same hardware/software and support the same features.
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- ASTAC timelines for the provision of services not currently available on Tribal lands

The current middle mile transport is satellite based and has been deemed an acceptable alternative service by the FCC. Since satellite middle mile connectivity does not have sufficient bandwidth to support the throughput speeds for both fixed and mobile broadband,¹ we respectfully disagree with this characterization. Without getting into specifics protected by Non-Disclosure Agreements, we can say that there is a good chance that an undersea fiber may make landfall at points to be determined on the North Slope coast. If and when this occurs and we are able to procure inexpensive bandwidth, we would be able to increase fixed broadband speeds as

¹ See Attachment A,

well as roll out 3G or even 4G service anywhere with some form of connectivity to a fiber transport facility.

- Priorities in terms of service and the factors that led us to prioritize deployment to particular areas.

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- Identify any opportunities ASTAC envisions to partner with Tribal governments.

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Feasibility and Sustainability Planning

We should be sure to document any new service/infrastructure request and as applicable, perform a business case and share the results with the Tribal entity and the FCC as part of our contribution to this process.

Mr. Herman Kignak, Acting President of Native Village of Atkasuk stated that ASTAC should proceed with the plan we have presented. The elected Director representing Atkasuk on ASTAC's Board of Directors already takes community input and advances those ideas and reports back to the village. Mr. Kignak felt that "the elected ASTAC Board Member is the best person to be responsible for meeting this FCC requirement for Tribal Engagement." Mr. Kignak often shared the idea that we should not need to meet with the Native Village since there already exists a representative (the elected Board Member) from the village who gets community input, sets the direction of the Cooperative and reports back to the village.

Marketing Services in a Culturally Sensitive Manner

Tailoring of service offerings to the community through, the feasibility of a local presence in the community:

ASTAC employs village representatives in all of our remote village exchanges. These employees are our "first responders" in the event of a weather or power outage and monitor systems, backup power and HVAC in our central offices on a daily basis. They are also "boots on the ground", working with technicians by phone to trouble shoot equipment when inclement weather grounds all air transportation. Our village representatives are a key component to initiation of new services and restoration of service and we generally are regarded as the most responsive of ETC's serving the villages because of their resident status.

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Our cultural sensitivity to the Inupiat people of the North Slope and the cultural practice of speaking in Inupiaq led to the hiring of Ms. Daisy Swisher, a former resident and Director from Wainwright. For many of our members who are revered elders, Inupiaq is the most effective means of communication. "Ms. Daisy," as she is affectionately known, provides Inupiaq speaking options for callers/walk-ins into customer service. Furthermore, our annual meeting presentations are translated into Inupiaq, and Daisy is a standing member of the annual meetings team and provides translated clarification to our presentations, as needed. We also respect the traditions of our members with invocation/prayer before all BOD and annual meetings.

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- *Do you have any suggestions or ideas for improving our marketing efforts and would you want to participate in developing marketing material, either jointly or in tandem?*

Mr. Kignak examined some of our marketing materials and said he was well aware of what we were offering and that "we are way ahead of others."

Rights of Way and Other Permitting and Review Processes

ASTAC's documentation of any and all processes with a list of relevant rights of way and other permitting and review processes on Tribal lands is as follows:

Licensing, regulatory requirements:

- Federal Communications Commission
 - radio freq
 - site construction
 - towers
- National Historic Preservation Act requirements

- Rights of way
 - North Slope Borough
 - State of Alaska
 - Bureau of Land Management
 - Bureau of Indian Affairs
 - Native Corporations

- FAA and U.S. Fish and Wildlife
 - Tower location, height and lighting
 - Bird strikes on tower guides

Compliance with Tribal Business and Licensing Requirements

Discuss in detail the relevant Tribal business and licensing requirements. ASTAC should provide evidence of compliance with any Tribal business practice licenses with which they currently comply for that Tribe.

Per Alaska Statute (AS) 10.25.550 Telephone Cooperatives shall compute Gross Receipts Tax as 2% of gross revenue for the cooperative. The following table represents known and projected payments to the villages of the North Slope Borough:

12/31/12	\$ 329,624.40	Estimate
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12/31/08	\$ 207,147.42	Actual
12/31/07	\$ 261,359.92	Actual
Six year total	\$1,537,777.44	

ASTAC also is licensed through the State of Alaska to provide telecommunications services. (See Attachment B.)

- *Are there any other licenses that you are aware of that we should have in order to provide telecommunications services?*

Mr. Kignak stated that there were no additional village permitting requirements.

**Tribal Engagement – Arctic Slope Native Association
And Arctic Slope Telephone Association Cooperative, Inc. (ASTAC)
Report 2012**

Executive Summary of the Process

On September 11, 2012, ASTAC mailed each tribal entity in our serving area a cover letter explaining the tribal engagement process and a tribal pre-meeting questionnaire which extracted the tribal considerations detailed in DA 12-1165. This was done via certified mail, return receipt requested and copies of the receipts, the cover letters and the tribal pre-meeting questionnaire are contained in Appendix A. Concurrently, the ASTAC leadership team was assigned tribal entities to do follow up calls with, once all certified mail was signed for. Copies of those signed receipts are also included in Appendix A.

ASTAC also developed an ASTAC Pre-meeting questionnaire which was completed as a group exercise by the ASTAC Leadership team. These would become our "at a minimum" talking points to ensure continuity of message and to provide a written record of a large portion of our prescribed discussion items listed in DA 12-1165. A copy of the ASTAC pre-meeting questionnaire for the Arctic Slope Native Association is included in Appendix B as well as a log of all contacts made with the Arctic Slope Native Association prior to our meeting as well as follow up contacts.

On October 25, 2012, Ms. Alys Orsborn, West Side Exchange Manager and Ms. Marietta Aiken, Director for ASTAC met with Ms. Marie Carroll, President of Arctic Slope Native Association. A copy of DA 12-1165 was provided to Ms. Carroll. The meeting took place in Barrow, starting at 1:30 p.m. and lasted approximately thirty minutes. Arctic Slope Native Association had not completed the Tribal Pre-meeting questionnaire. Ms. Carroll committed to having her IT Director, Adam Smith answer the questions by November 9th. Ms. Carroll also expressed a desire to have terrestrial connectivity to all the villages which are currently all served by satellite middle mile. Telemedicine is a core service of ASNA and greater broadband at an affordable price and less latency is badly needed.

The following items were tabled when Ms. Carroll ended the meeting. However, the details of 1-5 below are memorialized in the ASTAC Pre-meeting questionnaire, a copy of which was presented to Ms. Carroll:

1. A needs assessment and deployment planning with a focus on Tribal community anchor institutions;
2. Feasibility and sustainability planning;
3. Marketing services in a culturally sensitive manner;
4. Rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and
5. Compliance with Tribal business and licensing requirements.

A copy of this complete report has been provided to the Arctic Slope Native Association for their review and approval. A statement from Ms. Carroll, verifying she has read and agrees with the content of the engagement process appears in Appendix C.

**Tribal Engagement – Inupiat Community of the Arctic Slope (ICAS)
And Arctic Slope Telephone Association Cooperative, Inc. (ASTAC)
Report 2012**

Executive Summary of the Process

On September 11, 2012, ASTAC mailed each tribal entity in our serving area a cover letter explaining the tribal engagement process and a tribal pre-meeting questionnaire which extracted the tribal considerations detailed in DA 12-1165. This was done via certified mail, return receipt requested and copies of the receipts, the cover letters and the tribal pre-meeting questionnaire are contained in Appendix A. Concurrently, the ASTAC leadership team was assigned tribal entities to do follow up calls with, once all certified mail was signed for. Copies of those signed receipts are also included in Appendix A.

ASTAC also developed an ASTAC Pre-meeting questionnaire which was completed as a group exercise by the ASTAC Leadership team. These would become our "at a minimum" talking points to ensure continuity of message and to provide a written record of a large portion of our prescribed discussion items listed in DA 12-1165. A copy of the ASTAC pre-meeting questionnaire for the Inupiat Community of the Arctic Slope is included in Appendix B as well as a log of all contacts made with the Inupiat Community of the Arctic Slope prior to our meeting as well as follow up contacts.

On November 1, 2012, Mr. Charlie Carpenter, Chief Network Officer conducted a teleconference, using an ASTAC provided bridge, with various leaders from the different villages comprising the Inupiat Community of the Arctic Slope. A copy of DA 12-1165 was provided to Ms. Helen Simmonds, Tribal Director of Operations. The teleconference started at 6:30 p.m. and lasted approximately thirty minutes. The Inupiat Community of the Arctic Slope had not completed the Tribal Pre-meeting questionnaire.

The details of 1-5 below are memorialized in the ASTAC Pre-meeting questionnaire, a copy of which was presented to Ms. Simmonds:

1. A needs assessment and deployment planning with a focus on Tribal community anchor institutions;
2. Feasibility and sustainability planning;
3. Marketing services in a culturally sensitive manner;
4. Rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and
5. Compliance with Tribal business and licensing requirements.

Other Engagement Discussion:

Ms. Dallas Brower advocated for native hire in the villages and the possibility of an internship program. Charlie Carpenter explained that ASTAC employs village representatives in all of our remote village exchanges. These employees are our "first responders" in the event of a weather or power outage and monitor systems, backup power and HVAC in our central offices on a daily basis. They are also "boots on the ground", working with technicians by phone to trouble shoot equipment when inclement weather grounds all air transportation. Our village representatives

are a key component to initiation of new services and restoration of service and we generally are regarded as the most responsive of ETC's serving the villages because of their resident status. We also employ a high school student intern each summer to augment our Barrow storefront. Ms. Brower stated that they are interested in all employment possibilities.

The ICAS representative from Point Hope said the Maniliq Corporation wireless Internet needed improvement. We could provide a wired solution if they wanted to change vendors.

Additional discussion was tabled, Mr. Carpenter was asked to resend the documents we reviewed and thanked for his time before dropping off the call. Mr. Carpenter subsequently emailed all the discussion documents to Ms. Helen Simmonds, our initial point of contact and ICAS Tribal Operations Manager, when he got some email bounces from the email listings for the ICAS Board members.

A copy of this complete report has been provided to the Inupiat Community of the Arctic Slope for their review and approval.

**Tribal Engagement – Native Village of Anaktuvuk Pass
And Arctic Slope Telephone Association Cooperative, Inc. (ASTAC)
Report 2012**

Executive Summary of the Process

On September 11, 2012, ASTAC mailed each tribal entity in our serving area a cover letter explaining the tribal engagement process and a tribal pre-meeting questionnaire which extracted the tribal considerations detailed in DA 12-1165. This was done via certified mail, return receipt requested and copies of the receipts, the cover letters and the tribal pre-meeting questionnaire are contained in Appendix A. Concurrently, the ASTAC leadership team was assigned tribal entities to do follow up calls with, once all certified mail was signed for. Copies of those signed receipts are also included in Appendix A.

ASTAC also developed an ASTAC Pre-meeting questionnaire which was completed as a group exercise by the ASTAC Leadership team. These would become our "at a minimum" talking points to ensure continuity of message and to provide a written record of a large portion of our prescribed discussion items listed in DA 12-1165. A copy of the ASTAC pre-meeting questionnaire for the Native Village of Anaktuvuk Pass is included in Appendix B as well as a log of all contacts made with the Native Village prior to our meeting as well as follow up contacts.

On October 25, 2012, Mr. Jens Laipenieks, ASTAC's Business Development Officer and Mr. Patrick Mekiana, Director for ASTAC met with Mr. Justus Mekiana Jr. of the Native Village of Anaktuvuk Pass. A copy of DA 12-1165 was provided to Mr. Mekiana Jr. The meeting took place in Anaktuvuk Pass, starting at 2:00 p.m. and lasted approximately one hour. The Native Village had not completed the Tribal Pre-meeting questionnaire. The following items were discussed with Mr. Mekiana Jr. :

1. A needs assessment and deployment planning with a focus on Tribal community anchor institutions;
2. Feasibility and sustainability planning;
 - Mr. Justus Mekiana Jr. expressed a desire to extend cell coverage further outside the village. Due to the lack of roads and commercial power outside the village and mountainous terrain surrounding Anaktuvuk Pass, any additional cell sites would be extraordinarily expensive to construct and maintain, particularly with the phase down of identical support and low subscriber count in the village.
3. Marketing services in a culturally sensitive manner;
 - Both Justus and Patrick Mekiana thought that ASTAC does an excellent job in marketing in a culturally sensitive manner. They commended the use of Daisy Swisher in providing translation service to the elders during Annual Meeting.
4. Rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and

5. Compliance with Tribal business and licensing requirements.

- **Mr. Mekiana Jr. was not aware of any licensing requirements.**

A copy of this complete report has been provided to the Native Village of Anaktuvuk Pass for their review and approval. A statement from Mr. Mekiana Jr., verifying he has read and agrees with the content of the engagement process appears in Appendix C. A follow up briefing at the next scheduled meeting of the Native Village of Anaktuvuk Pass has been requested.

**Tribal Engagement – Native Village of Atqasuk
And Arctic Slope Telephone Association Cooperative, Inc. (ASTAC)
Report 2012**

Executive Summary of the Process

On September 12, 2012, ASTAC mailed each tribal entity in our serving area a cover letter explaining the tribal engagement process and a tribal pre-meeting questionnaire which extracted the tribal considerations detailed in DA 12-1165. This was done via certified mail, return receipt requested and copies of the receipts, the cover letters and the tribal pre-meeting questionnaire are contained in Appendix A. Concurrently, the ASTAC leadership team was assigned tribal entities to do follow up calls with, once all certified mail was signed for. Copies of those signed receipts are also included in Appendix A.

ASTAC also developed an ASTAC Pre-meeting questionnaire which was completed as a group exercise by the ASTAC Leadership team. These would become our "at a minimum" talking points to ensure continuity of message and to provide a written record of a large portion of our prescribed discussion items listed in DA 12-1165. A copy of the ASTAC pre-meeting questionnaire for the Native Village of Atqasuk is included in Appendix B as well as a log of all contacts made with the Native Village prior to our meeting as well as follow up contacts.

On October 3, 2012, Charlie Carpenter, Chief Network Officer for ASTAC met with Mr. Herman Kignak, Acting President for the Native Village of Atqasuk. A copy of DA 12-1165 was provided to Mr. Kignak. The meeting took place in Barrow, starting at 5:30 p.m. and lasted a little over two hours. The Native Village had not completed the Tribal Pre-meeting questionnaire. The following items were discussed, the details of which are memorialized in the ASTAC Pre-meeting questionnaire:

1. A needs assessment and deployment planning with a focus on Tribal community anchor institutions;
2. Feasibility and sustainability planning;
3. Marketing services in a culturally sensitive manner;
4. Rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and
5. Compliance with Tribal business and licensing requirements.

Mr. Kignak often shared the idea that we should not be meeting with the Native Village since there already exists a representative (the elected Board Member) from the village who gets community input, sets the direction of the Cooperative and reports back to the village. Mr. Kignak felt that "the elected ASTAC Board Member is the best person to be responsible for meeting this FCC requirement for Tribal Engagement."

A copy of this complete report has been provided to the Native Village of Atqasuk for their review and approval. A statement from Mr. Kignak, verifying he has read and agrees with the minutes content of the engagement process appears in Appendix C.

**Tribal Engagement – Native Village of Barrow
And Arctic Slope Telephone Association Cooperative, Inc. (ASTAC)
Report 2012**

Executive Summary of the Process

On September 11, 2012, ASTAC mailed each tribal entity in our serving area a cover letter explaining the tribal engagement process and a tribal pre-meeting questionnaire which extracted the tribal considerations detailed in DA 12-1165. This was done via certified mail, return receipt requested and copies of the receipts, the cover letters and the tribal pre-meeting questionnaire are contained in Appendix A. Concurrently, the ASTAC leadership team was assigned tribal entities to do follow up calls with, once all certified mail was signed for. Copies of those signed receipts are also included in Appendix A.

ASTAC also developed an ASTAC Pre-meeting questionnaire which was completed as a group exercise by the ASTAC Leadership team. These would become our "at a minimum" talking points to ensure continuity of message and to provide a written record of a large portion of our prescribed discussion items listed in DA 12-1165. A copy of the ASTAC pre-meeting questionnaire for the Native Village of Barrow is included in Appendix B as well as a log of all contacts made with the Native Village prior to our meeting as well as follow up contacts.

On October 11, 2012, Ms. Alys Orsborn, West Side Exchange Manager and Ms. Marietta Aiken, Director for ASTAC met with Mr. Tom Olemaun, President of Native Village of Barrow. A copy of DA 12-1165 was provided to Mr. Olemaun. The meeting took place in Barrow, starting at 10:30 a.m. and lasted approximately twenty minutes. The Native Village had not completed the Tribal Pre-meeting questionnaire. Mr. Olemaun stated that the Native Village was working on its economic growth and commerce plan for 2013 and would give some thought and effort to the questions posed in DA 12-1165. Mr. Olemaun committed to having his grants contractor answer the questions by October 19th. The following items were tabled when Mr. Olemaun ended the meeting. However, the details of 1-5 below are memorialized in the ASTAC Pre-meeting questionnaire, a copy of which was presented to Mr. Olemaun:

1. A needs assessment and deployment planning with a focus on Tribal community anchor institutions;
2. Feasibility and sustainability planning;
3. Marketing services in a culturally sensitive manner;
4. Rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and
5. Compliance with Tribal business and licensing requirements.

A copy of this complete report has been provided to the Native Village of Barrow for their review and approval. A statement from Mr. Olemaun, verifying he has read and agrees with the content of the engagement process appears in Appendix C.

Subsequent Meeting with Ms. Cynthia Toop, Native Village of Barrow Grant Writer

During the Tribal engagement process with the leadership of the Native Village of Barrow, Ms. Cynthia Toop was identified as the proper point of contact for any collaborative grant writing projects. Coincidentally, ASTAC's Tribal engager was going to be in Washington State on leave where Ms. Toop is located. They made contact and arranged to have a meeting. What follows is a summary of those discussions:

In a follow up session to our initial Tribal engagement meeting with the Native Village of Barrow, Alys Orsborn met with Cynthia Toop, grant writer, on October 30th in Edmonds, Washington. The meeting lasted from 1:00pm until 5:00pm. They discussed possibilities of ASTAC being partners with Native Village of Barrow for grants. She is going to provide an opportunity for ASTAC to bid on providing broadband service.

Cynthia provided insight to the local political environment with all the activity in and around Barrow currently. When the discussion turned to how ASTAC was a co-op non-profit LEC, owned by the subscribers, she was very interested in our business model. When explaining how we are actively involved in the community, from being a Board Member on KBRW, the radio station broadcasting to the North Slope, in Booster Club, a Local Emergency Planning Committee member, in community parades, providing candy and small gifts to the children's home and the elders at the retirement home she was even more receptive to trying to collaborate with ASTAC. We explained how we support the villages, have resident technicians and go out of our way to support all the villages and Barrow.

USDA grants are perhaps one of the earliest of the grants we could partner with Native Village of Barrow on. She has a very close relationship with the responsible person for distribution and said often she is called toward end of year with monies which need to be distributed. Shovel ready projects, even if not started until the following year when weather allows are acceptable. We discussed the funding for emergency services and the recent event in Barrow with erosion and potential evacuations. The central office is located in a vulnerable area. The road is still closed with flooding having occurred in the houses near to the central office. She has provided links and information regarding the potential and inevitable climate issues we face on the North Slope. She mentioned in one of the meetings she attended the location of the deep port landing was mentioned. ASRC has become partners with SOA but no one has revealed the location. We discussed the necessity for terrestrial communications, fiber to the home supporting broadband to the subscribers, the potential of an undersea fiber link. She provided me with the following links:

<http://www.biaprovidersconference.com/>

http://www.rurdev.usda.gov/utp_commconnect.html

**Tribal Engagement – Native Village of Kaktovik
And Arctic Slope Telephone Association Cooperative, Inc. (ASTAC)
Report 2012**

Executive Summary of the Process

On September 12, 2012, ASTAC mailed each tribal entity in our serving area a cover letter explaining the tribal engagement process and a tribal pre-meeting questionnaire which extracted the tribal considerations detailed in DA 12-1165. This was done via certified mail, return receipt requested and copies of the receipts, the cover letters and the tribal pre-meeting questionnaire are contained in Appendix A. Concurrently, the ASTAC leadership team was assigned tribal entities to do follow up calls with, once all certified mail was signed for. Copies of those signed receipts are also included in Appendix A.

ASTAC also developed an ASTAC Pre-meeting questionnaire which was completed as a group exercise by the ASTAC Leadership team. These would become our "at a minimum" talking points to ensure continuity of message and to provide a written record of a large portion of our prescribed discussion items listed in DA 12-1165. A copy of the ASTAC pre-meeting questionnaire for the Native Village of Kaktovik is included in Appendix B as well as a log of all contacts made with the Native Village prior to our meeting as well as follow up contacts.

On October 23^d and 24th, Jens Laipenieks, Business Development Manager for ASTAC attempted to meet in person with Mr. Mathew Rexford, representing the Native Village of Kaktovik in Kaktovik. Due to illness, Mr. Rexford was not available either day. Mr. Laipenieks did stop by the Native Village of Kaktovik and leave behind the packet of information before departing Kaktovik. Subsequently on November 8, 2012, Jodi Forsland, Chief Services Officer for ASTAC met telephonically with Mr. Rexford. A copy of DA 12-1165 has been provided to Mr. Rexford electronically. The teleconference lasted approximately one half hour. The Native Village had received but had not completed the Tribal Pre-meeting questionnaire. Mr. Rexford committed to bringing the Tribal Pre-Meeting Questionnaire to the next Council Meeting on November 20th. The following items were discussed, the details of which are memorialized in the ASTAC Pre-meeting questionnaire:

1. A needs assessment and deployment planning with a focus on Tribal community anchor institutions;
2. Feasibility and sustainability planning;
3. Marketing services in a culturally sensitive manner;
4. Rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and
5. Compliance with Tribal business and licensing requirements.

Mr. Rexford inquired about our Federal funding and was given a briefing on the Universal Service Fund.

He was very excited to hear about the possibility of fiber connectivity to the undersea fiber being planned by Arctic Fibre and thought that would be an excellent service addition.

Finally, Mr. Rexford inquired about ASTAC providing the Native Village with a teleconference bridge. Mr. Laipenieks will follow up with that request.

A copy of this complete report has been provided to the Native Village of Kaktovik for their review and approval. A statement from Mr. Rexford, verifying he has read and agrees with the minutes content of the engagement process appears in Appendix C.

**Tribal Engagement – Native Village of Nuiqsut
And Arctic Slope Telephone Association Cooperative, Inc. (ASTAC)
Report 2012**

Executive Summary of the Process

On September 12, 2012, ASTAC mailed each tribal entity in our serving area a cover letter explaining the tribal engagement process and a tribal pre-meeting questionnaire which extracted the tribal considerations detailed in DA 12-1165. This was done via certified mail, return receipt requested and copies of the receipts, the cover letters and the tribal pre-meeting questionnaire are contained in Appendix A. Concurrently, the ASTAC leadership team was assigned tribal entities to do follow up calls with, once all certified mail was signed for. Copies of those signed receipts are also included in Appendix A.

ASTAC also developed an ASTAC Pre-meeting questionnaire which was completed as a group exercise by the ASTAC Leadership team. These would become our "at a minimum" talking points to ensure continuity of message and to provide a written record of a large portion of our prescribed discussion items listed in DA 12-1165. A copy of the ASTAC pre-meeting questionnaire for the Native Village of Nuiqsut is included in Appendix B as well as a log of all contacts made with the Native Village prior to our meeting as well as follow up contacts.

On October 23, 2012, Jodi Forsland, Chief Services Officer for ASTAC met with Ms. Martha Itta, President for the Native Village of Nuiqsut and Ms. Margaret Pardue, Nuiqsut's ASTAC Board Member. A copy of DA 12-1165 was provided to Ms. Itta and Ms. Pardue. The meeting took place in Nuiqsut, starting at 3:00 p.m. and lasted until 4:30 p.m. The Native Village had received but had not completed the Tribal Pre-meeting questionnaire. The following items were discussed, the details of which are memorialized in the ASTAC Pre-meeting questionnaire:

1. A needs assessment and deployment planning with a focus on Tribal community anchor institutions;
 2. Feasibility and sustainability planning;
 3. Marketing services in a culturally sensitive manner;
 4. Rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and
 5. Compliance with Tribal business and licensing requirements.
- Ms. Itta shared the ASTAC Pre-meeting Questionnaire with Ms. Pardue prior to our engagement meeting.
 - Both Margaret Pardue and Martha Itta agreed that it will take a unified voice, speaking as one, if we are to get affordable broadband for the region and that we should work together towards that goal.
 - Both Margaret Pardue and Martha Itta would like to see ASTAC increase its bandwidth to support higher throughput speeds for both fixed and wireless broadband. We reviewed the current satellite transport limitations in terms of available bandwidth and extraordinary cost as well as the recent press release by Arctic Fibre, which has plans to

connect Europe and Asia via a fiber that traverses the North West Passage. In that press release, Arctic Fibre said it had plans to put in landings to nearby Prudhoe Bay and Barrow. This would provide substantially increased bandwidth at a reasonable cost for Nuiqsut. The group also discussed the TERRA project in Southwest Alaska and its proposed expansion to the Nome area on the western Alaska Coast by the end of 2014.

- Margaret and Martha shared several ideas for improving our marketing efforts. They included:
 1. Having a Board member attend all SWOOSH contests and Annual Meetings so they can become familiar with the other villages. We could alternate Directors each year. We have budgeted for this in 2013.
 2. We should increase the advertising telling the community who our Board members are for all the villages, perhaps using the TV ad for SWOOSH to do so. Follow up with our advertising agency is scheduled
 3. We need to expand our retail presence to Nuiqsut, perhaps by doing a resale arrangement at the local grocery store. This proposal will be reviewed.
- ASTAC marketing material was reviewed with Margaret and Martha and they thought that our marketing theme "Home Court Advantage" resonated with the community. Overall, they were very pleased with the way ASTAC markets in a culturally sensitive manner.

ASTAC committed to following up on the ideas proposed by the Native Village of Nuiqsut, doing an analysis on them and sharing the results with the Native Village leadership.

A copy of this complete report has been provided to the Native Village of Nuiqsut for their review and approval. A statement from Ms. Itta, verifying she has read and agrees with the minutes content of the engagement process appears in Appendix C.

**Tribal Engagement – Native Village of Point Hope
And Arctic Slope Telephone Association Cooperative, Inc. (ASTAC)
Report 2012**

Corrected Executive Summary of the Process

On September 12, 2012, ASTAC mailed each tribal entity in our serving area a cover letter explaining the tribal engagement process and a tribal pre-meeting questionnaire which extracted the tribal considerations detailed in DA 12-1165. This was done via certified mail, return receipt requested and copies of the receipts, the cover letters and the tribal pre-meeting questionnaire are contained in Appendix A. Concurrently, the ASTAC leadership team was assigned tribal entities to do follow up calls with, once all certified mail was signed for. Copies of those signed receipts are also included in Appendix A.

ASTAC also developed an ASTAC Pre-meeting questionnaire which was completed as a group exercise by the ASTAC Leadership team. These would become our "at a minimum" talking points to ensure continuity of message and to provide a written record of a large portion of our prescribed discussion items listed in DA 12-1165. A copy of the ASTAC pre-meeting questionnaire for the Native Village of Point Hope is included in Appendix B as well as a log of all contacts made with the Native Village prior to our meeting as well as follow up contacts.

On October 31, 2012, Charlie Carpenter, Chief Network Officer for ASTAC met with Ms. Peggy Frankson, Executive Director for the Native Village of Point Hope and Ms. Ella Kowunna, Point Hope's ASTAC Board Member. A copy of DA 12-1165 was provided to Ms. Frankson and Ms. Kowunna. The meeting took place in Point Hope, starting at 10:00 a.m. and lasted until 11:00 a.m. The Native Village had received but had not completed the Tribal Pre-meeting questionnaire. The following items were discussed, the details of which are memorialized in the ASTAC Pre-meeting questionnaire:

1. A needs assessment and deployment planning with a focus on Tribal community anchor institutions;
2. Feasibility and sustainability planning;
3. Marketing services in a culturally sensitive manner;
4. Rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and
5. Compliance with Tribal business and licensing requirements.

Discussion Items:

- A higher wireless antenna placement on our tower was suggested – Ms. Frankson said that this would be good for a number of reasons, but surely for emergencies. They will be placing an emergency shelter farther out in the next couple of years when they extend the evacuation road. We shared that tower height was a common interest in most villages. We mentioned that in many villages we are as high as we can go because of FAA height requirement. We will check on the Point Hope antenna height and see if we have any room to increase it.

- We reviewed the current satellite transport limitations in terms of available bandwidth and extraordinary cost as well as our efforts to land a fiber that traverses the North West Passage. We discussed the high cost and limited bandwidth of satellite middle mile.
- Ms. Frankson also mentioned that they were working on a trilateral community plan (City of Point Hope, Native Village of Point Hope and Tikigaq Corporation) that should be completed in 2 or 3 months. We would definitely want to be aware of and involved in that discussion. It would not be available for this year's filing but that this was intended to be a yearly event and if we stayed in touch throughout the year we would not have to meet but could just get a status on a teleconference. Ms. Kowunna said we definitely want to do it the most efficient way. Ms. Frankson agreed.
- We discussed the idea of partnering with Tribal governments. We shared that we had worked in the past with companies that were trying to bring fiber cables to the North Slope of Alaska and had discussed these plans with some native corporations but that the projects have yet to be funded. We shared that an attempt had been made to get stimulus funding with no success. We shared that our ability to provide broader band service in the future will be limited as long as we are limited to satellite transport facilities.
- Ms. Frankson was interested in seeing our marketing materials and soft copy was delivered to her electronically.
- Ms. Frankson said there were no special licensing requirements. We shared the many ROW and permitting processes that ASTAC already is subject to.
- Other discussion items:
- Ms. Frankson indicated that the Native Village has a good working relationship with the ASTAC technicians and that the technicians always come to help without hesitation. We feel fortunate to have the technicians we have that have been with us a long time and fit well into the community. Ms. Frankson was thanked for her comments.

A copy of this complete report has been provided to the Native Village of Point Hope for their review and approval. A statement from Ms. Frankson, verifying she has read and agrees with the minutes content of the engagement process appears in Appendix C.

**Tribal Engagement – Native Village of Point Lay
And Arctic Slope Telephone Association Cooperative, Inc. (ASTAC)
Report 2012**

Executive Summary of the Process

On September 12, 2012, ASTAC mailed each tribal entity in our serving area a cover letter explaining the tribal engagement process and a tribal pre-meeting questionnaire which extracted the tribal considerations detailed in DA 12-1165. This was done via certified mail, return receipt requested and copies of the receipts, the cover letters and the tribal pre-meeting questionnaire are contained in Appendix A. Concurrently, the ASTAC leadership team was assigned tribal entities to do follow up calls with, once all certified mail was signed for. Copies of those signed receipts are also included in Appendix A.

ASTAC also developed an ASTAC Pre-meeting questionnaire which was completed as a group exercise by the ASTAC Leadership team. These would become our "at a minimum" talking points to ensure continuity of message and to provide a written record of a large portion of our prescribed discussion items listed in DA 12-1165. A copy of the ASTAC pre-meeting questionnaire for the Native Village of Point Lay is included in Appendix B as well as a log of all contacts made with the Native Village prior to our meeting as well as follow up contacts.

On November 1, 2012, Charlie Carpenter, Chief Network Officer for ASTAC met with Ms. Misty Plymale, Tribal Administrator for the Native Village of Point Lay. A copy of DA 12-1165 was provided to Ms. Plymale. The meeting took place in Point Lay and lasted for half an hour. The Native Village had received but had not completed the Tribal Pre-meeting questionnaire. The following items were discussed, the details of which are memorialized in the ASTAC Pre-meeting questionnaire:

1. A needs assessment and deployment planning with a focus on Tribal community anchor institutions;
2. Feasibility and sustainability planning;
 - Ms. Misty Plymale asked what the range was on the cell service. She indicated that her boy friend had to be rescued after walking 13 ½ hours and couldn't make a call 5 miles from town. She said people hunt and fish away from town and if they take a radio there is noise when they are hunting but if they could take a cell phone and put it on vibrate it would be better because it would be silent. This reinforces the fact that where other parts of the U.S. think a cell phone provides convenience, in the Arctic, it is as much a life saving tool as a rifle and compass when engaging in subsistence activities. I shared that tower height was a common interest in most villages. I mentioned that in many villages we are as high as we can go because of FAA height requirement. I indicated that I would check on the Point Lay antenna height and see if we had any room to increase it.
 - We discussed the idea of partnering with Tribal governments. I shared that we had worked in the past with companies that were trying to bring fiber cables to the North Slope of Alaska and had discussed these plans with some native corporations but that the projects have yet to be funded. I shared that our ability to provide broader band service in the future will be limited as long as we are limited to satellite transport facilities.
 - We discussed the idea that any projects that we look at together will have to be sustainable in a reasonable business case.

3. Marketing services in a culturally sensitive manner;

- Ms. Plymale was familiar with our marketing materials. She didn't suggest any changes or wanting to be involved with creating them jointly. I left marketing materials with her for further review.

4. Rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and

5. Compliance with Tribal business and licensing requirements.

- Ms. Plymale confirmed that there was no additional special permitting required in Point Lay.

ASTAC committed to following up on the tower question raised by Ms. Plymale and sharing the results with the Native Village leadership.

A copy of this complete report has been provided to the Native Village of Point Lay for their review and approval. A statement from Ms. Plymale, verifying she has read and agrees with the minutes content of the engagement process appears in Appendix C.

Executive Summary of the Process

On September 12, 2012, ASTAC mailed each tribal entity in our serving area a cover letter explaining the tribal engagement process and a tribal pre-meeting questionnaire which extracted the tribal considerations detailed in DA 12-1165. This was done via certified mail, return receipt requested and copies of the receipts, the cover letters and the tribal pre-meeting questionnaire are contained in Appendix A. Concurrently, the ASTAC leadership team was assigned tribal entities to do follow up calls with, once all certified mail was signed for. Copies of those signed receipts are also included in Appendix A.

ASTAC also developed an ASTAC Pre-meeting questionnaire which was completed as a group exercise by the ASTAC Leadership team. These would become our "at a minimum" talking points to ensure continuity of message and to provide a written record of a large portion of our prescribed discussion items listed in DA 12-1165. A copy of the ASTAC pre-meeting questionnaire for the Native Village of Wainwright is included in Appendix B as well as a log of all contacts made with the Native Village prior to our meeting as well as follow up contacts.

On October 2, 2012, Charlie Carpenter, Chief Network Officer for ASTAC met with Mr. Blair Patkotak, Tribal President, and Council members Mr. Terry Tagarook and Ms. Ronnie Morales. Copies of DA 12-1165 were provided to the Council members. The meeting took place at the ASNA office in Wainwright, starting at 1:30 p.m. and lasted a little over one hour. The Native Village had not completed the Tribal Pre-meeting questionnaire but committed to taking it to their next Council Meeting on October 23rd. ASTAC committed to following up after that meeting to see if there was any further input or feedback. The following items were discussed, the details of which are memorialized in the ASTAC Pre-meeting questionnaire:

1. A needs assessment and deployment planning with a focus on Tribal community anchor institutions;
2. Feasibility and sustainability planning;
3. Marketing services in a culturally sensitive manner;
4. Rights of way processes, land use permitting, facilities siting, environmental and cultural preservation review processes; and
5. Compliance with Tribal business and licensing requirements.

A copy of this complete report has been provided to the Native Village of Wainwright for their review and approval. A statement from Mr. Patkotak, verifying he has read and agrees with the contents in the minutes of the engagement process appears in Appendix C.



4300 B Street, Suite 501
Anchorage, AK 99503

Arctic Slope Telephone Association Cooperative, Inc.

907 563 3989
1 800 478 6409
fax: 907 563 1932

email: mail@astac.net

Date

Tribal Entity Name and Address:

Dear ????????,

Thank you for taking the time to meet with me on October ??????????, 2012 to discuss Tribal engagement issues. As promised, we have written up minutes of our conversation during this meeting and are presenting it to you for your review, amendment(s) and approval. If you would please fill out the attached Tribal Engagement Review of ASTAC Minutes form and return it to me in the postage paid envelope, I would really appreciate it. As an owner/member of the Cooperative, you have the opportunity to contact us directly or through your elected Board member with any questions or concerns at any time.

Thanks for doing business with the Company you own,

Signature Block of ASTAC Engager

[Redacted Signature Block]

Appendix C - Approval of Meeting Minutes

Tribal Engagement Review of ASTAC Minutes

On October 31, 2012, I, Peggy Frankson met with Charlie Carpenter and Ella Kowunna representing ASTAC to conduct tribal engagement. I have been given the following documents:

- DA 12-1165
- ASTAC cover letter explaining the tribal engagement process
- A Tribal Pre-meeting Questionnaire
- A completed ASTAC Pre-meeting Questionnaire with attachments and an executive summary of the meeting.

I have read the ASTAC provided record of our discussion and agree that it fairly represents the discussion we had with the following edits (If no edits needed, please state so in the space below):

corrections:
pg 1 - 3rd TT - Peggy Frankson is the executive director
pg 1 - last TT - They are hoping to place an emergency shelter.
pg 2 - 2nd bullet: Add: Native Village of Point Hope & Add - Tikigag Corporation

Please also make these corrections on the ASTAC Pre-meeting questionnaire

A finalized copy of the entire Tribal Engagement record I have approved has been given to me.



Signature of Tribal Leader



Date

Appendix C – Approval of Meeting Minutes

Tribal Engagement Review of ASTAC Minutes

On October 25, 2012, I, (MARIE CARROLL) met with (ALYS ORSBORN) representing ASTAC to conduct tribal engagement. I have been given the following documents:

- DA 12-1165
- ASTAC cover letter explaining the tribal engagement process
- A Tribal Pre-meeting Questionnaire
- A completed ASTAC Pre-meeting Questionnaire with attachments and an executive summary of the meeting.

I have read the ASTAC provided record of our discussion and agree that it fairly represents the discussion we had with the following edits (If no edits needed, please state so in the space below):

A finalized copy of the entire Tribal Engagement record I have approved has been given to me.

Marie Carroll

Signature of Tribal Leader

11/19/12

Date

Appendix C – Approval of Meeting Minutes

Tribal Engagement Review of ASTAC Minutes

On October 11, 2012, I, (THOMAS OLEMAUN) met with (MARIETTA AIXEN)
representing ASTAC to conduct tribal engagement. I have been given the following documents:

- DA 12-1165
- ASTAC cover letter explaining the tribal engagement process
- A Tribal Pre-meeting Questionnaire
- A completed ASTAC Pre-meeting Questionnaire with attachments and an executive summary of the meeting.

I have read the ASTAC provided record of our discussion and agree that it fairly represents the discussion we had with the following edits (If no edits needed, please state so in the space below):

A finalized copy of the entire Tribal Engagement record I have approved has been given to me.



Signature of Tribal Leader

11/6/12

Date

Appendix C – Approval of Meeting Minutes

Tribal Engagement Review of ASTAC Minutes

On November 1, 2012, I, Ms. Misty Plymale met with Charlie Carpenter representing ASTAC to conduct tribal engagement. I have been given the following documents:

- DA 12-1165
- ASTAC cover letter explaining the tribal engagement process
- A Tribal Pre-meeting Questionnaire
- A completed ASTAC Pre-meeting Questionnaire with attachments and an executive summary of the meeting.

I have read the ASTAC provided record of our discussion and agree that it fairly represents the discussion we had with the following edits (if no edits needed, please state so in the space below):

A finalized copy of the entire Tribal Engagement record I have approved has been given to me.

Misty D Plymale

11/13/12

Signature of Tribal Leader

Date

Work Order	12ANC08JTON
Row Labels	Tribal Sum of Amount
100 - CEO	14,265.35
10 - LABOR	8,049.09
15 - Labor	8,049.09
30 - BENEFITS	4,631.70
10 - Benefits	4,286.84
15 - Labor	344.86
40 - MATERIALS & SUPPLIES	534.80
30 - Travel	525.80
70 - Other	9.00
50 - CONTRACT LABOR	138.51
60 - Professional Fees	138.51
80 - TRAVEL-DIRECT CODED	911.25
30 - Travel	911.25
200 - CFO	1,336.84
10 - LABOR	952.99
15 - Labor	952.99
30 - BENEFITS	383.85
10 - Benefits	349.54
15 - Labor	34.31
600 - CNO - West	1,553.38
10 - LABOR	1,068.60
15 - Labor	1,068.60
30 - BENEFITS	476.93
10 - Benefits	435.31
15 - Labor	41.62
40 - MATERIALS & SUPPLIES	7.85
30 - Travel	7.85
700 - CNO - Engineering	8,857.49
10 - LABOR	4,126.49
15 - Labor	4,126.49
30 - BENEFITS	1,724.05
10 - Benefits	1,573.47
15 - Labor	150.58
40 - MATERIALS & SUPPLIES	930.95
30 - Travel	930.95
80 - TRAVEL-DIRECT CODED	2,076.00
30 - Travel	2,076.00
800 - CSO	1,483.41
10 - LABOR	735.42
15 - Labor	735.42
30 - BENEFITS	241.59
10 - Benefits	215.64
15 - Labor	25.95
80 - TRAVEL-DIRECT CODED	506.40
30 - Travel	506.40
900 - HR/Office Manager	58.92
10 - LABOR	38.79
15 - Labor	38.79
30 - BENEFITS	20.13
10 - Benefits	18.73
15 - Labor	1.40
Grand Total	27,555.39

ASTAC Tribal Engagement

Lessons learned: Nine of the ten tribal entities in our serving area are Native Villages or their umbrella organization, ICAS. Native Villages, at least on the North Slope of Alaska, are land managers for their tribe's land. They do not administer telecommunications nor do they follow FCC Policy. Thus we thought it reasonable to try to make their experience with Tribal Engagement more user friendly and valuable by creating a Tribal Pre-meeting Questionnaire. However, this was not particularly effective because no Tribal entity read the document prior to us meeting with them. Only one entity filled out the Questionnaire after we met with them.

Enthusiasm for the engagement by Tribal Leadership was enhanced somewhat, where we had our Board member from the village accompany our Executive Team Member. However, several of the engagement meetings were ended at the request of the Tribal Leadership before we had completed our presentation. Our sense of this is that telecommunications is not their primary area of expertise and the time we spend with them is "off task" to their mission.

While we were only required to provide the Tribal entity with an annual certification and summary of our compliance with the Tribal government engagement process, we took this requirement one step further and asked the Tribal entity to read our minutes, amend as needed then approve. Four of the ten Tribal entities we met with responded. We felt it was a more inclusive process giving them the opportunity to be the approving authority.

Mr. Herman Kignak is a Tribal leader and Acting President for the Native Village of Atkasuk. He also is a former ASTAC Board member, representing Atkasuk. Mr. Kignak wanted the Office of Native Affairs and Policy to know that the Native Villages on the North Slope are land management organizations for their village's people. They are not telecommunications managers. However, there is an elected telecommunications trained expert in each village. That person is the ASTAC Board member. ASTAC Board members received substantial training each year in all functional areas of the company during our quarterly Board Meetings and attend industry conferences to augment their knowledge. As a Director, they participate in the Strategic Planning process and drive change for the company. His recommendation, which we wholeheartedly agree with, is to make the Cooperative's elected Directors our focal point for Tribal Engagement. The alternative, doing meaningful in-person village Tribal engagement meetings on the North Slope cost \$27,555.39 in 2012.

Our recommendation is as follows: Where a Cooperative exists to serve Tribal Lands, Tribal Engagement should occur with the Cooperative's elected Board of Directors who are the telecommunications experts in that community. This respects and maintains the Board's legal authority to set direction for the Cooperative. It is also much more cost effective as Tribal Engagement can be formalized as part of the Board meetings. At a time when the FCC is asking carriers to do more with less, this would greatly improve efficiency, effectiveness and greatly enhance the engagement process.



4300 B Street, Suite 501
Anchorage, AK 99503
1-800-478-6409 (phone)
1-907-563-3394 (fax)

Customer Agreement

Subscriber Information		Personal () New () Add-on () ASTAC Current or Prior Customer? Yes () No () Previous Number:	
Main Applicant: (Last, First, MI):		Home Phone:	Work Phone:
Social Security Number:	Birth Date:	Drivers License No.:	State:
Joint Applicant: (Last, First, MI):		Home Phone:	Work Phone:
Social Security Number:	Birth Date:	Drivers License No.:	State:
PO Box or Billing Address:	Street Address:	City:	State: Zip:
Do you or does anyone in your household have any disabilities that may inhibit access to service offerings? If yes, please explain:			
Service Information		No Contract () 2 Year Contract () * Wireless Data Plan required on Smart/Social Phones for 2 Year Price Contract Start Date: Contract End Date:	Activation: \$ 35.00 (per phone)
<input type="checkbox"/> Wireless Lifeline (Calling Area: Ningiq) Includes 500 long distance minutes (main line only with \$200 deposit), unlimited text, and call restriction services. <input type="checkbox"/> Additional Wireless Lifeline Service Phones (up to 5)		Toll Restriction: Yes _____ No _____	
<input type="checkbox"/> Family Plan/Local Wireless (Calling Area: Barrow) <input type="checkbox"/> Additional Wireless Family Plan Phones (up to 4) \$5.00 per phone			
<input type="checkbox"/> Local 500 Plan (Calling Area: Barrow) \$ 25 Monthly Access Rate			
<input type="checkbox"/> Local 1,000 Plan (Calling Area: Barrow) \$ 35 Monthly Access Rate			
<input type="checkbox"/> Local 2,500 Plan (Calling Area: Barrow) \$ 55 Monthly Access Rate			
<input type="checkbox"/> Nationwide 500 (Instate & Out of State) \$ 55 Monthly Access Rate		Features Included In All Plans (where available): Caller ID Conference Calling Voice Mail Basic Call Forwarding Call Hold	
<input type="checkbox"/> Nationwide 1,000 (Instate & Out of State) \$ 75 Monthly Access Rate			
<input type="checkbox"/> Nationwide 2,500 (Instate & Out of State) \$ 135 Monthly Access Rate			
<input type="checkbox"/> Nationwide 5,000 (Instate & Out of State) \$ 315 Monthly Access Rate			
<input type="checkbox"/> Nationwide Unlimited (Instate & Out of State) \$ 100 Monthly Access Rate			
Additional Features (where available): <input type="checkbox"/> Toll Restriction \$2.00 <input type="checkbox"/> PowerMail \$2.00 <input type="checkbox"/> PowerMail Plus \$5.00			
Wireless Data Plans (Includes Unlimited Texting/SMS): <input type="checkbox"/> 500MB+SMS Bundle: \$15.00*/month <input type="checkbox"/> 2GB+SMS+Home Bundle**: \$15.00*/month <input type="checkbox"/> 2GB+SMS Bundle: \$30.00*/month <input type="checkbox"/> 3GB+SMS Bundle: \$40.00*/month * Data Overage Rate per MB = \$.10 **Reduced Rate Requires Home Bundle			
Texting Plan: <input type="checkbox"/> Unlimited SMS/Texting: \$5.00/month			
\$200.00 Deposit Required: () Yes () No		Mobile No:	
<p>Your agreement with ARCTIC SLOPE TELEPHONE ASSOCIATION COOPERATIVE, INC. ("ASTAC") and its subsidiaries is for the provision of wireless services and any additional features, service or products ordered by you. The price established for service is set forth in the current ASTAC wireless rate schedule, for the service plan you have selected. Your service plan requires the contract term agreed upon above. By signing this agreement I am committing to both Voice and Data Features as indicated in the Service Information. You hereby authorize ASTAC to investigate your credit history and report your performance to credit reporting agencies. To obtain service you must satisfy ASTAC credit criteria or make a security deposit that is acceptable to ASTAC. By signing below you agree that you have read, received and agreed to all the terms and conditions (printed on the reverse side). You agree to pay all usage and early termination charges if the company or person named in Subscriber Information denies responsibility.</p> <p>Authorized Signature: _____ NAME: _____ Date: _____ (Please Print)</p> <p>Joint Signature: _____ NAME: _____ Date: _____ (Please Print)</p>			

ARCTIC SLOPE TELEPHONE ASSOCIATION COOPERATIVE, INC.

This is an Agreement between subscriber named on the reverse side and ARCTIC SLOPE TELEPHONE ASSOCIATION COOPERATIVE, INC., ("ASTAC") for the provision of cellular telephone or other wireless telecommunications services or products ("Service"). The agreement shall not be binding until accepted and executed by an authorized employee, or agent of ASTAC. A faxed copy of this agreement can be considered the original.

1. **Availability:** Service availability is subject to the condition and power of your cellular telephone, your location relative to our cell sites and those of other companies, cellular system capabilities and atmospheric or topographical conditions. For these reasons, we make no warranty that service will be available at any time or in any location. Service may be temporarily refused, interrupted or curtailed due to governmental regulations or orders, system capacity limitations, equipment failure, nonpayment by subscriber, modifications, upgrades, relocations, repairs or other activities necessary or appropriate for system operations.

2. **Use of Service:** Requests for activation, modification or termination of Service will only be accepted by ASTAC from subscriber or subscriber's authorized agent. Subscriber agrees not to use the Service for an unlawful or abusive purpose or in any way that damages our property or interferes with or disrupts our system or use by other users. Subscriber also agrees not to program the cellular telephone number into any other device, or change the electronic serial number (ESN) or equipment identifier (EID). Subscriber has no ownership rights to any IP address, or e-mail address provisioned by ASTAC to be used for any Service. By using Service, subscriber agrees to abide by the terms and conditions of this agreement, any applicable calling plan and any applicable software license. Your service is subject to ASTAC's Acceptable Use Policy located at www.astac.net and may change without notice.

3. **Determination of Charges:** Charges for the Service will depend on the calling plan selected by subscriber on the reverse side of this agreement. For all incoming and outgoing calls, the length of the call will be measured from the time subscriber presses the "send" key until subscriber presses the "end" key or otherwise terminates the call. Airtime is billed in full minute increments, with partial minutes rounded up to the next full minute. If an incoming call has been forwarded to another number, subscriber will be billed for the entire time that the system handles the call. If subscriber uses the telephone for paging or text messaging, where available, subscriber will be charged for messages as described in subscriber's service plan. Subscriber will be billed at home or roaming airtime rates for 800,866,877,888 and other "toll free" calls depending on where subscriber is located when the call is made. If a person activates Service on behalf of another person or entity but was not authorized to do so, the person activating the Service will be fully bound by this agreement as though they had activated the Service on their own behalf. ASTAC reserves the right to modify or terminate the calling plan selected by subscriber upon thirty (30) days prior written notice. In such event, subscriber may terminate the Service or select another calling plan without incurring an early termination charge. Continued use of the Service after the expiration of the notice period will be subscriber's consent to the charges described in the notice. ASTAC reserves the right to deliver some or all long distance calls to the long distance provider of ASTAC's choice.

4. **Payment, Due Date:** Subscriber is responsible for payment of all charges to subscriber's account including but not limited to: airtime, access, features, data usage, text messaging, roaming, long distance, directory and operator assistance charges, telephones and accessories, shipping and handling fees and any taxes, surcharges, fees, assessments or recoveries imposed upon subscriber as a result of the provision of Service or the purchase of goods. All amounts billed are due upon receipt, and are considered delinquent if payment has not been received by the 20th day of the next month.

5. **30 Day Trial Period:** You may terminate a new customer service agreement for any reason within 30 days of activation. If you do so, the service will be cancelled; you will not be charged an early termination fee. You will be responsible for all applicable fees, prorated access charges, taxes, roaming, long distance, data usage, or other charges that accrued to your account. Equipment provided/purchased must be returned in the original box with all components and packaging materials (phone, charger, battery, user instructions, warranty information, etc.). If your equipment is deemed "acceptable" you will be refunded the price of the phone to reflect the equipment purchased price. ASTAC reserves the right to determine "acceptable" condition.

6. **Term, Termination, Early Termination Fee:** The term of this agreement is disclosed on the reverse side. Either party may terminate this agreement at any time upon written notice of the other party with or without cause. Except as otherwise provided herein, if subscriber terminates the agreement prior to the expiration date, subscriber agrees to pay an early termination charge, not to exceed \$345.00 per mobile phone number. Termination fee is calculated at \$15 per month for the remaining months of the agreement. At the end of the contract term service will continue on a month to month basis at the last rate agreed to by the parties.

7. **Deposits, Credit Information, Late Payment Charges and Disputes:** ASTAC may, at its option, require a deposit prior to or at any time during the term of the service agreement. The amount of the deposit will depend on the credit of and the amount of Service provided to subscriber. The deposit will be held as a partial guarantee of payment. The deposit cannot be used by subscriber to pay or delay payment. Unless otherwise required by law, deposits may be mixed with other funds of ASTAC and will not earn interest. Subscriber agrees to provide credit references and to allow ASTAC to verify credit information and contact credit reporting agencies to obtain and provide payment and credit history. A late payment charge of ten and one half percent (10.5%) per annum, or such lesser amount required by law, will be added to past due accounts. Payments mailed to ASTAC will be deemed paid when received and credited to subscribers account. All amounts, including disputed amounts must be paid by the due date regardless of the status of any objection. All communication regarding disputes must be in writing, marked "billing dispute" on the outside of the envelope, and received by ASTAC within 60 days of receipt of the billing statement. If any of these requirements are not met, subscriber waives any right to contest the bill.

8. **Disclaimer of Warranties and Risk of Loss:** ASTAC makes no warranty, express, statutory or implied, written or oral, and whether arising by statute or course of dealing or usage of trade to subscriber as to: (A) the suitability of the Service for subscriber's intended use; (B) the availability of the Service at any time or in any location, (C) the merchantability or fitness of the Service for any purpose, or (D) the availability of 911 service, (E) the grade or quality of the Service. Subscriber assumes all risk of loss that may result from unavailability or failure of the Service.

9. **Limitation of Liability:** The total liability of ASTAC in any way arising directly or indirectly out of the provision of the Service under this agreement shall be limited to an amount equal to one month's access charge. This limitation of liability shall apply regardless of the form of the action, whether for breach of contract, warranty, negligence, strict liability in tort, or otherwise. In no event shall ASTAC be liable for any special, consequential or punitive damages.

10. **Expenses:** Subscriber shall pay all costs and expenses, including without limitation reasonable attorney's fees, and the fees of any collection agencies and arbitration process or court costs, incurred by ASTAC in enforcing any of its rights or remedies under this agreement.

11. **Jurisdiction:** Any dispute regarding this agreement will be governed by the laws of the State of Alaska and resolved in any Alaska court or through arbitration at a location selected by ASTAC in the state of Alaska.

12. **Commercial Mobile Alert Services:** ASTAC presently does not transmit wireless emergency alerts. Notice required by FCC Rule 47 CFR 10.240 (Commercial Mobile Alert Services)

13. **Contract Modifications, Notices:** No modification hereof shall be binding upon either party unless the modification is in writing and signed by a duly authorized representative of both parties. Notices to Subscriber shall be deemed given if deposited in the U.S. Mail system addressed to subscriber's last known address as shown on the reverse side of this agreement. Notices to ASTAC will be deemed given when received by ASTAC. Subscriber acknowledges that they have read and understands these terms and conditions and agrees to be bound by them, and that this document with any attachments is the complete and exclusive statement of the agreement between the parties and this supersedes all proposals, oral or written, and all other communications between the parties relating to this agreement.



4300 B St, Suite 501, Anchorage, AK 99503

Office: 1-800-478-6409 or 907-852-7100, Fax: 907-563-3394 or 907-852-0006

Office Use Only	
ASTAC CSR:	
Documents Customer Provided for Proof of Eligibility:	
Date:	

LIFELINE AND LINKUP ASSISTANCE APPLICATION

Annual Certification Is Required

Check applying for: ☐ Local Service Assistance or ☐ Wireless Service Assistance

Verify your Eligibility:

1. Complete Section A: Personal Information
2. Complete Section B **OR** Section C (not both)
3. Complete Section D: Initial, Sign, and Date
4. Attach a copy of your documents to support your eligibility
5. Return Application and Documents to ASTAC 4300 B St, Suite 501, Anchorage, AK 99503 / Fax: 907-563-3394 or 907-852-0006

A. PERSONAL INFORMATION

The person applying for Lifeline service **MUST BE** the same person who qualifies for the Lifeline benefits **AND** listed on the telephone bill.

Customer Name	
MAILING ADDRESS City, State, Zip Code	
"Main" Lifeline Telephone Number	
PHYSICAL ADDRESS City, State, Zip Code (NOT PO Box)	

Date of Birth: Month _____ Day _____ Year _____
(Required) mm dd yyyy

☐ Check here if service address is temporary

Social Security Number: _____ OR Tribal ID No. _____
(Required)

Tribal Lifeline: Single party, voice grade access to the public switched network, access to emergency services, access to operator services, access to Interexchange services (unless toll blocking is chosen), access to directory assistance, and toll blocking (if requested).

Tribal Link Up: Includes any standard charges imposed on qualifying low-income individuals on Tribal Lands as a condition of initiating service, including both line extension and initial connection charges. The customer will receive assistance for 100% of connection fees up to \$100.00. This is the maximum federal assistance available. The supported services under this section do not include charges assessed for facilities or equipment that fall on the customer's side of the demarcation point, i.e. customer premises equipment and inside wiring charges. Any additional installation charges or line extension charges will be the responsibility of the customer. Expanded Link-Up Service assistance shall be provided a subsequent time only for a principal residence with a different address than the residence where Expanded Link-Up Service was previously provided.

Check applying for: ☐ Tribal Lifeline (monthly reoccurring charge) ☐ Tribal Link Up (installation charges)

B. PROGRAM-BASED ELIGIBILITY

Check all program(s) in which you or a member of your household is currently enrolled. **YOU MUST PROVIDE PROOF OF PROGRAM PARTICIPATION.** This could include a copy of your benefit ID card, a copy of an eligibility letter from an authorized agency or prior year's statement of benefits. (Do not send original documents.)

<input type="checkbox"/> Food Stamps	<input type="checkbox"/> Senior Care
<input type="checkbox"/> Medicaid	<input type="checkbox"/> Alaska Adult Public Assistance Program
<input type="checkbox"/> Temporary Assistance to Needy Families (TANF)	<input type="checkbox"/> Head Start (those meeting the income qualifying standard)
<input type="checkbox"/> National School Lunch Program's Free Lunch Program	<input type="checkbox"/> Bureau of Indian Affairs (BIA) general assistance programs
<input type="checkbox"/> Federal Public Housing Assistance (FPHA)	<input type="checkbox"/> Denali Kid Care
<input type="checkbox"/> Low-Income Energy Assistance Program (LIEAP)	<input type="checkbox"/> Tribally administered Temporary Assistance to Needy Families (TTANF)
<input type="checkbox"/> Supplemental Security Income (SSI) (Not the same as Social Security Benefits)	<input type="checkbox"/> VA Disability Pension
<input type="checkbox"/> Child Care Assistance (PAS I, II, III)	<input type="checkbox"/> Pioneer Home Payment Assistance
<input type="checkbox"/> Alaska State Housing Corporation Program (Documentation will NOT be returned)	<input type="checkbox"/> WIC - Women Infants and Children Program
	<input type="checkbox"/> State of Alaska Heating Assistance Program

C. INCOME-BASED ELIGIBILITY

Calculate **TOTAL** household income by reporting the income of all adult persons residing in your home in the appropriate category:

Income Source	Amount	Household Size (Circle One) Poverty Guidelines	Yearly Income (AK) @ 135 % of Federal
Prior year's State, Federal or Tribal tax return OR			
Social Security; Retirement income			
Alimony or Child Support			
Wages			
Bureau of Indian Affairs General Assistance			
Unemployment; Worker's Compensation			
if you have more than 8 people in your household, write the number and add \$6,682.50 for each additional person.			

You must attach proof of income as reported above, examples include

- Prior year's State, Federal or Tribal tax return OR
Most recent statement from each type of current income source(s) noted above:
- Three consecutive months' worth of your most current pay stubs from all employers
- Social Security statement of benefits
- Veterans Administration statement of benefits
- Retirement/Pension statement of benefits
- Unemployment/Workmen's Compensation statement of benefits
- Child Support documentation
- Federal or Tribal notice letter of participation in Bureau of Indian Affairs General Assistance OR
- Divorce Decree

(Documentation will be shredded)

D. SIGNATURE (This section must be filled out completely)

Please read the following statements, initial by each sentence, and sign below. [Disclosure Statement: Perjury and false statements are punishable by fine and/or imprisonment under Title 18 of the U.S. Code.]

By signing below, I certify under penalty of perjury, to each and every one of the following:

- ____ 1. I meet the income-based or program-based eligibility criteria for receiving Lifeline, provided in 47 C.F.R. Section 54.409. I have provided documentation of eligibility;
- ____ 2. I will notify the carrier within 30 days if, for any reason, I no longer satisfy the criteria for receiving Lifeline including, as relevant, if I no longer meet the income-based or program-based criteria for receiving Lifeline support, I am receiving more than one Lifeline benefit, or another member of my household is receiving a Lifeline benefit;
- ____ 3. If I am seeking to qualify for Lifeline as an eligible resident of Tribal lands, I live on Tribal lands, as defined in 47 C.F.R. Section 54.400(e);
- ____ 4. If I move to a new address, I will provide that new address to the telephone company within 30 days;
- ____ 5. If I provided a temporary residential address to the telephone company, I will be required to verify my temporary residential address every 90 days;
- ____ 6. My household will receive only one (1) Lifeline service, and, to the best of my knowledge, my household is not already receiving a Lifeline service;
- ____ 7. I acknowledge that I will be required to re-certify my continued eligibility for Lifeline annually, and my failure to re-certify as to my continued eligibility will result in de-enrollment and the termination of my Lifeline benefits pursuant to 47 C.F.R. Section 54.405(e)(4);
- ____ 8. I acknowledge that providing false or fraudulent information to receive Lifeline benefits is punishable by law; and
- ____ 9. The information contained in the application and certification form is true and correct to the best of my knowledge.
- ____ 10. I acknowledge that information from this certification will be given to USAC and/or its agents for purpose of verifying that my household does not receive more than one benefit.
- ____ 11. I acknowledge that Lifeline Service is Non-Transferable.

- Do you or does anyone in your household have any disabilities that may inhibit access to service offerings? If yes, please explain:

X _____
Customer Signature

Date

X _____
Printed Name

54.313(g) Areas with no terrestrial backhaul

All the Arctic Slope Telephone Association Cooperative, Inc. (ASTAC and dba ASTAC Wireless) markets, with the exception of Deadhorse and Nuiqsut, are not connected by roads and are only fed by satellite backhaul facilities. Deadhorse has both microwave and fiber middle mile access, which is extended to the village of Nuiqsut by ASTAC owned microwave assets. Of those villages without terrestrial backhaul, the following support the minimum service level of 1M down/256K up: Barrow. The remaining, Kaktovik, Anaktuvuk Pass, Atkasuk, Wainwright, Point Lay and Point Hope, villages do not meet the minimum service level for the following reason(s): Cost prohibitive backhaul facilities. ASTAC continues to seek economically sound solutions to address those villages currently not offering the minimum speed requirement.